



STATE OF IOWA
MASTER AGREEMENT

MA# 005 CT2562C 2

EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 1 of 10

BUYER : JEANETTE CHUPP
Jeanette.Chupp@iowa.gov
515-281-6288

FOB FOB Dest, Freight Prepaid

PAYMENT TERMS (%): DAYS:

VENDOR:

CARDIAC SCIENCE CORP
Dept 0587
PO Box 120587
Dallas, TX 75312-0587
USA

VENDOR CONTACT:

Timothy J Way
PHONE: 425-402-2448 EXT:
EMAIL: tway@cardiacscience.com
VENDOR #: 94330039600

DESCRIPTION OF ITEMS CONTRACTED

Defibrillators (AED's) per NASPO Contract SW60300.
Powerheart Brand, Automatic External Defibrillator (AED) Packages and Accessories per NASPO/Oklahoma Contract SW60300 and
Cardiac Science Contract #750 of 9/27/2005.

Customer Service Sales Support Phone: 800-426-0337 or contact Shelly Madden at e-Mail: smadden@cardiacscience.com

Contract Administrator: Jeanne Thompson at phone 425-402-2321 or e-mail: jthompson@cardiacscience.com

FOB: Destination
Terms: Net 30
Minimum Order: Standard Mfg. Package
Discount: Net Price List of 9/27/05 (discount deducted)
Delivery: 14 days ARO
Web-Site: www.cardiacscience.com

RENEWAL PERIODS

FROM 01-01-2007 TO 12-31-2010

THRESHOLDS

MINIMUM ORDER AMOUNT:
MAXIMUM ORDER AMOUNT:
NOT TO EXCEED AMOUNT:

AUTHORIZED DEPARTMENT

ALL

TOTAL \$0.00

VENDOR: _____

APPROVED BY: _____

THIS MA IS SUBJECT TO THE TERMS AND
CONDITIONS ATTACHED HERETO.
PLEASE SEE ATTACHMENTS FOR
FURTHER DESCRIPTIONS.



**STATE OF IOWA
MASTER AGREEMENT**

MA# 005 CT2562C 2
EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 2 of 10

LINE NO.	QUANTITY / SERVICE DATES	UNIT	COMMODITY / DESCRIPTION	UNIT COST / PRICE OF SERVICE
1	0.00000		4651420 DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE	\$0.000000 \$0.000000
2	0.00000		4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR	\$0.000000 \$0.000000
3	0.00000	EA	4651420 DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE DISCOUNTED STANDARD PACKAGE: 9300A-201, Powerheart AED G3 Fully Automatic with voice and text display; biphasic waveform and internal memory. 9146-002 Battery. STANDARD PACKAGE includes (1) defibrillator, (1) IntelliSense Lithium Battery, (1) pair of adult defibrillation pads #9131-001, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink, and serial communication cable.	\$1,295.000000 \$0.000000
4	0.00000	EA	4651420 DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE DISCOUNTED STANDARD PACKAGE: 9300E-201, Powerheart AED G3 with voice and text display; biphasic waveform and internal memory. 9146-002 Battery. STANDARD PACKAGE includes (1) defibrillator, (1) IntelliSense Lithium Battery, (1) pair of adult defibrillation pads #9131-001, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink, and serial communication cable.	\$1,295.000000 \$0.000000
5	0.00000	EA	4651420 DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE DISCOUNTED STANDARD PACKAGE: 9300P-201, Powerheart AED G3 PRO with ECG color display, manual override, configurable biphasic energy protocols and detection rates, optional 3-lead continuous ECG patient monitoring, multiple rescue internal memory, (non-rechargeable battery). 9145-001 Battery. STANDARD PACKAGE includes (1) defibrillator, (1) IntelliSense Lithium Battery, (1) pair of adult defibrillation pads #9131-001, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink.	\$2,450.000000 \$0.000000
6	0.00000	EA	4651420 DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE DISCOUNTED STANDARD PACKAGE: 9300P-301, Powerheart AED G3 PRO with ECG color display, manual override, configurable biphasic energy protocols and detection rates, optional 3-lead continuous ECG patient monitoring, multiple rescue internal memory, (rechargeable battery). 9144-001 Battery and charger kit 9044-001. STANDARD PACKAGE includes (1) defibrillator, (1) IntelliSense Lithium Battery, (1) pair of adult defibrillation pads #9131-001, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink.	\$2,450.000000 \$0.000000
7	0.00000	EA	4651420 DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE OKLAHOMA PACKGE #1. 9300A-201, Powerheart AED G3 Fully Automatic with voice & text display, biphasic waveform, and internal memory. 9146-002 Battery. AED Package includes: (1) Defibrillator, (1) IntelliSense Lithium Battery, (2) pair of adult defibrillation pads 9131-001, (1) pair of pediatric defibrillation pads 9730-002, (1) carrying	\$1,450.000000 \$0.000000



**STATE OF IOWA
MASTER AGREEMENT**

MA# 005 CT2562C 2

**EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 3 of 10**

LINE NO.	QUANTITY / SERVICE DATES	UNIT	COMMODITY / DESCRIPTION	UNIT COST / PRICE OF SERVICE
			case 168-6000-001, (1) ready kit 5550-003, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink, and serial communication cable.	
8	0.00000	EA	4651420	\$1,450.000000 \$0.000000
			DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE OKLAHOMA PACKGE #1. 9300E-201, Powerheart AED G3 with voice & text display, biphasic waveform, and internal memory. 9146-002 Battery. AED Package includes: (1) Defibrillator, (1) IntelliSense Lithium Battery, (2) pair of adult defibrillation pads 9131-001, (1) pair of pediatric defibrillation pads 9730-002, (1) carrying case 168-6000-001, (1) ready kit 5550-003, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink, and serial communication cable.	
9	0.00000	EA	4651420	\$2,650.000000 \$0.000000
			DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE OKLAHOMA PACKGE #1. 9300P-201, Powerheart AED G3 Pro with ECG color display, manual override, configurable biphasic energy protocols and detection rates, optional 3-lead continuous ECG patient monitoring, multiple rescue internal memory, (non-rechargeable battery). 9145-001 Battery. AED Package includes: (1) Defibrillator, (1) IntelliSense Lithium Battery, (2) pair of adult defibrillation pads 9131-001, (1) pair of pediatric defibrillation pads 9730-002, (1) carrying case 168-6000-001, (1) ready kit 5550-003, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink.	
10	0.00000	EA	4651420	\$2,650.000000 \$0.000000
			DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE OKLAHOMA PACKGE #1. 9300P-301, Powerheart AED G3 Pro with ECG color display, manual override, configurable biphasic energy protocols and detection rates, optional 3-lead continuous ECG patient monitoring, multiple rescue internal memory, (rechargeable battery). 9144-001 Battery and Charger kit 9044-001. AED Package includes: (1) Defibrillator, (1) IntelliSense Lithium Battery, (2) pair of adult defibrillation pads 9131-001, (1) pair of pediatric defibrillation pads 9730-002, (1) carrying case 168-6000-001, (1) ready kit 5550-003, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink.	
11	0.00000	EA	4651420	\$1,650.000000 \$0.000000
			DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE OKLAHOMA PACKGE #2. 9300A-201, Powerheart AED G3 Fully Automatic with voice & text display, biphasic waveform, and internal memory. 9146-002 Battery. AED Package includes: (1) Defibrillator, (2) IntelliSense Batteries, (2) pair of adult defibrillation pads 9131-001, (1) pair of pediatric defibrillation pads 9730-002, (1) carrying case 168-6000-001, (1) ready kit 5550-003, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink, and serial communication cable.	
12	0.00000	EA	4651420	\$1,650.000000 \$0.000000
			DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE OKLAHOMA PACKGE #2. 9300E-201, Powerheart AED G3 with voice & text display, biphasic waveform, and internal memory. 9146-002 Battery. AED Package includes: (1) Defibrillator, (2) IntelliSense Batteries, (2) pair of adult defibrillation pads 9131-001, (1)	



**STATE OF IOWA
MASTER AGREEMENT**

MA# 005 CT2562C 2
EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 4 of 10

LINE NO.	QUANTITY / SERVICE DATES	UNIT	COMMODITY / DESCRIPTION	UNIT COST / PRICE OF SERVICE
			pair of pediatric defibrillation pads 9730-002, (1) carrying case 168-6000-001, (1) ready kit 5550-003, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink, and serial communication cable.	
13	0.00000	EA	4651420	\$2,850.000000 \$0.000000
			DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE OKLAHOMA PACKGE #2. 9300P-201, Powerheart AED G3 PRO with ECG color display, manual override, configurable biphasic energy protocols and detection rates, optional 3-lead continuous ECG patient monitoring, multiple rescue internal memory, (non-rechargeable battery). 9145-001 Battery. AED Package includes: (1) Defibrillator, (2) IntelliSense Batteries, (2) pair of adult defibrillation pads 9131-001, (1) pair of pediatric defibrillation pads 9730-002, (1) carrying case 168-6000-001, (1) ready kit 5550-003, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink.	
14	0.00000	EA	4651420	\$2,850.000000 \$0.000000
			DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE OKLAHOMA PACKGE #2. 9300P-301, Powerheart AED G3 PRO with ECG color display, manual override, configurable biphasic energy protocols and detection rates, optional 3-lead continuous ECG patient monitoring, multiple rescue internal memory, (rechargeable battery). 9144-001 Battery and charger kit 9044-001. AED Package includes: (1) Defibrillator, (2) IntelliSense Batteries, (2) pair of adult defibrillation pads 9131-001, (1) pair of pediatric defibrillation pads 9730-002, (1) carrying case 168-6000-001, (1) ready kit 5550-003, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink.	
15	0.00000	EA	4651455	\$99.000000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR 168-6000-001, Carrying Case for 9300 series AED	
16	0.00000	EA	4651455	\$152.000000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR 9157-004, hard-sided, waterproof carrying case for AED.	
17	0.00000	EA	4651455	\$320.000000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR 164-0225-001 Empty backpack/carrying case, holds AED and size D or C oxygen cylinders.	
18	0.00000	EA	4651455	\$48.000000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR 5550-003, Ready Kit for 9300 series AEC G3. Includes nitrile gloves, razor, scissors, towel, 4" gauze, antiseptic wipes and one-way filter mask. Caribiner attachment.	
19	0.00000	EA	4651455	\$32.000000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR 166-0418-001 Spare Battery Bag (empty). Attaches to 9300 series AED G3 Carrying case.	
20	0.00000	EA	4651455	\$995.000000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR 5587-001, Total Response Rescue Kit includes emergency oxygen cylinder, single flow regulator, tubing, mask, BBP Kits and First Aid Kit. Includes wire wall mount rack.	



**STATE OF IOWA
MASTER AGREEMENT**

MA# 005 CT2562C 2
EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 5 of 10

LINE NO.	QUANTITY / SERVICE DATES	UNIT	COMMODITY / DESCRIPTION	UNIT COST / PRICE OF SERVICE
21	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 5588-001, Total Response Rescue Backpack. Includes emergency oxygen cylinder, single flow regulator, tubing, mask, BBP Kits and First Aid Kit. Includes wire wall mount rack.	\$895.000000 \$0.000000
22	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 180-2020-001, AED wall mount storage case	\$179.000000 \$0.000000
23	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 180-2021-001, AED wall mount storage case with strobe light alarm.	\$199.000000 \$0.000000
24	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 180-2021-002, AED wall mount storage case with strobe light alarm, security system enabled.	\$199.000000 \$0.000000
25	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 180-2021-003, Semi-recessed AED wall mount storage with strobe light alarm, security system enabled.	\$199.000000 \$0.000000
26	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 170-2145-001, Wire wall mount rack for 9300 series AED G3.	\$42.000000 \$0.000000
27	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 170-2146-001, Wire wall mount rack for 9300 series AED G3 with straps.	\$42.000000 \$0.000000
28	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 170-2150-001, Wire wall mount rack for 9300 series AED G3 in carrying case (168-6000-001).	\$46.000000 \$0.000000
29	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 170-2152-001, Wire wall mount rack for 9300 AED G3 with straps in carrying case (168-6000-001).	\$46.000000 \$0.000000
30	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 168-0056-001, Wall Mount Sign identifying location of AED, 3-D.	\$21.000000 \$0.000000
31	0.00000	EA	20860 Medical Software, All Types 180-0037-001, Additional Quick Start Tool Kit for 9300 A/C/E Series AED G3. Includes Quick Start Guide, CD-ROM with AED Manual, Training Video, RescueLink and MDLink and serial communication cable.	\$39.950000 \$0.000000
32	0.00000	EA	20860 Medical Software, All Types 180-0034-001, Additional Quick Start Tool Kit for 9300P series	\$39.950000 \$0.000000



**STATE OF IOWA
MASTER AGREEMENT**

MA# 005 CT2562C 2
EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 6 of 10

LINE NO.	QUANTITY / SERVICE DATES	UNIT	COMMODITY / DESCRIPTION	UNIT COST / PRICE OF SERVICE
			AED G3. Includes Quick Start Guide, CD-ROM with AED Manual, Training Video, RescueLink and MDLink.	
33	0.00000	EA	20860	\$29.350000 \$0.000000
			Medical Software, All Types	
34	0.00000	EA	9171-001, USB Serial Adapter Cable 20860	\$58.750000 \$0.000000
			Medical Software, All Types	
35	0.00000	EA	162-0108-001, IR Communications Cable for Powerheart AED G3 Pro (serial). Compatible with USB ports via 9171-001. 90775	\$489.000000 \$0.000000
			Site Assessment and Site Field Observation	
36	0.00000	EA	9917-001, Site Assessment (formal analysis and report) 9243520	\$975.000000 \$0.000000
			TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION	
37	0.00000	EA	9918-001, Quick Response Program Management (1-Year) - AHA Heartsaver AED/CPR Training, medical authorization/prescription and direction, program management, MasterTrak software and e-minders. Four hours. 10 Students, one session. 9243520	\$1,171.000000 \$0.000000
			TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION	
38	0.00000	EA	9918-002, Total Response Program Management (1-Year), in addition to Quick Response program features, basic first aid and oxygen administration are included. Six Hours. 10 students per session. 9243520	\$779.000000 \$0.000000
			TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION	
39	0.00000	EA	9919-001, Additional Training for 10, Quick Response - same day and location. 9243520	\$975.000000 \$0.000000
			TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION	
40	0.00000	EA	Additional training for 10. Total Response - same day and location. 9243520	\$195.000000 \$0.000000
			TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION	
41	0.00000	EA	9921-001, Blood Borne Pathogens Training. ASHI course. One hour. 9243520	\$734.000000 \$0.000000
			TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION	
42	0.00000	EA	9921-002, First Aid Training. Three hour AHA course provides basic first aid procedures for medical emergencies and injuries. 9243520	\$391.000000 \$0.000000
			TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION	
43	0.00000	EA	9922-001. Online Refresher Training for 10 students (annually) provides a review of AED/CPR training and an online quiz. 9243520	\$195.000000 \$0.000000
			TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION	
			9925-001. AED/CPR for Children. One hour. AHA course teaches rescuers AED/CPR and choking skills for children ages 1-8. .	



**STATE OF IOWA
MASTER AGREEMENT**

MA# 005 CT2562C 2
EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 7 of 10

LINE NO.	QUANTITY / SERVICE DATES	UNIT	COMMODITY / DESCRIPTION	UNIT COST / PRICE OF SERVICE
44	0.00000	EA	9243520 TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION 9925-002. AED/CPR for infants. One hour. AHA course teaches rescuers AED/CPR and choking skills for infants under 1.	\$195.000000 \$0.000000
45	0.00000	EA	9243520 TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION 9927-001. Post Event Review and Incident Debriefing Service. Call-in support, assistance with download of data and submission of data as required by state regulation within 24 hours of notification. Service per location per year.	\$48.950000 \$0.000000
46	0.00000	EA	9243520 TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION 180-4020-001. Full Size AED Trainer, dual mode AED/Automatic with Manual, Training Pads (one pair) and Remote Control. English (US), Spanish, Portuguese (Brazil), French, Italian, Greek.	\$245.000000 \$0.000000
47	0.00000	EA	34087 Training Equipment and Supplies, Fire and Safety 180-2080-002, AED Trainer Replacement Remote Control.	\$29.950000 \$0.000000
48	0.00000	EA	34087 Training Equipment and Supplies, Fire and Safety 9021-002, AED Patient Simulator	\$300.000000 \$0.000000
49	0.00000	EA	34087 Training Equipment and Supplies, Fire and Safety 9035-003, Adult Training Pads (one pair) for use with Cardiac Science training device.	\$18.750000 \$0.000000
50	0.00000	EA	34087 Training Equipment and Supplies, Fire and Safety 9725-001, Pediatric Training Pads (one pair) for use with Cardiac Science training device.	\$29.950000 \$0.000000
51	0.00000	EA	34087 Training Equipment and Supplies, Fire and Safety C-5009-000, AHA Heartsaver AED Text.	\$9.500000 \$0.000000
52	0.00000	EA	34087 Training Equipment and Supplies, Fire and Safety 400846-001, AHA Heartsaver AED Instructor's Manual.	\$17.000000 \$0.000000
53	0.00000	EA	34087 Training Equipment and Supplies, Fire and Safety 400847-001, AHA Heartsaver AED Instructor's Tool Kit. Includes video, presentation, evaluation forms.	\$57.000000 \$0.000000
54	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 9131-001. Defibrillation pads (adult) with two-year shelf life.	\$32.000000 \$0.000000
55	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 9660-001. Polarized Defibrillation Pads with pacing capability (adult). Two-year shelf life.	\$32.000000 \$0.000000



**STATE OF IOWA
MASTER AGREEMENT**

MA# 005 CT2562C 2
EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 8 of 10

LINE NO.	QUANTITY / SERVICE DATES	UNIT	COMMODITY / DESCRIPTION	UNIT COST / PRICE OF SERVICE
56	0.00000	EA	4651455	\$74.000000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR	
			9730-002. Pediatric Defibrillation Pads. Two-Year shelf life.	
57	0.00000	EA	4651455	\$280.250000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR	
			5111-001. ECG Patient Monitoring Kit for Powerheart AED G3 Pro. Includes 3 lead cable and 3-pack of ECG electrodes.	
58	0.00000	EA	4651455	\$68.000000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR	
			9051-002. Electrode Adapter. Connects Cardiac Science AED pads to Medtronic Physio-Control defibrillators using QUIK-COMBO brand connector system.	
59	0.00000	EA	4651455	\$44.000000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR	
			9053-001. Electrode Adapter. Connects Cardiac Science AED pads to Zoll Brand defibrillators.	
60	0.00000	EA	4651455	\$250.000000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR	
			9055-001 Electrode Cable. Reverse adapter for QUIK-COMBO system.	
61	0.00000	EA	4651455	\$221.250000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR	
			9141R-001. IntelliSense Lithium Battery for Cardiac Science AED.	
62	0.00000	EA	4651455	\$119.000000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR	
			9143-001 IntelliSense Lithium Battery for FirstSave AED G3, models 9300C.	
63	0.00000	EA	4651455	\$375.000000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR	
			9144-001 Rechargeable Battery for Powerheart AED G3 Pro Model 9300P.	
64	0.00000	EA	4651455	\$185.250000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR	
			9044-001 Charger Kit for Rechargeable Battery for Powerheart AED G3 Pro Model 9300P.	
65	0.00000	EA	4651455	\$375.250000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR	
			9145-001 IntelliSense Lithium Battery for Powerheart AED G3 Pro model 9300P.	
66	0.00000	EA	4651455	\$245.000000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR	
			9146-002, IntelliSense Lithium Battery for Powerheart AED G3.	



**STATE OF IOWA
MASTER AGREEMENT**

MA# 005 CT2562C 2
EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 9 of 10

TERMS AND CONDITIONS

Incorporation

The Request for Proposal and/or bid documents for this project and the vendor's proposal in response to the RFP or Bid together with any clarifications, attachments, appendices, or amendments of the State or the Vendor are incorporated into this Contract by reference as if fully set forth in this Contract.

Remedies upon Default

In any case where the vendor has failed to deliver or has delivered non-conforming goods and/or services, the State shall provide a cure notice. The notice to cure shall state the maximum length of time the vendor has to cure. If after the time period stated in the notice to cure has passed, the vendor continues to be in default, the State may procure goods and/or services in substitution from another source and charge the difference between the contracted price and the market price to the defaulting vendor. The State's Attorney General shall be requested to make collection from the defaulting vendor.

Force Majeure

Force majeure includes acts of God, war, civil disturbance and any other causes which are beyond the control and anticipation of the party affected and which, by the exercise of reasonable diligence, the party was unable to anticipate or prevent. These provisions of force majeure also apply to subcontractors or suppliers of the Vendor. Force majeure does not include financial difficulties of the Vendor or any associated company of the Vendor, or claims or court orders that restrict the Vendor's ability to deliver the goods or services contemplated by this Agreement. Neither the Vendor nor the State shall be liable to the other for any delay or failure of performance of this Agreement caused by a force majeure, and not as a result of the fault or negligence of a party.

Subcontractors

The successful vendor shall be responsible for all acts and performance of any subcontractor or secondary supplier that the successful vendor may engage for the completion of any contract with the State. A delay that results from a subcontractor's conduct, negligence or failure to perform shall not exempt the vendor from default remedies. The successful vendor shall be responsible for payment to all subcontractors and all other third parties.

Termination-Non-Appropriation

Notwithstanding any other provision of this contract, if funds anticipated for the continued fulfillment of this contract are at any time not forthcoming or insufficient, either through the failure of the State to appropriate funds, discontinuance or material alteration of the program for which funds were provided, then the State shall have the right to terminate this contract without penalty by giving not less than thirty (30) days written notice documenting the lack of funding, discontinuance or program alteration.

Immunity of State/Fed Agencies

The vendor shall defend and hold harmless the State and Federal funding source for the State of Iowa from liability arising from the vendor's performance of this contract and the vendor's activities with subcontracted and all other third parties.

Assignment

Vendors may not assign contracts or purchase orders to any party (including financial institutions) without written permission of the General Services Enterprise - Purchasing.

Anti-Trust Assignment

For good cause and as consideration for executing this purchase order, the vendor, through its duly authorized agent, conveys, sells, assigns, and transfers to the State of Iowa all rights, title and interest in and to all causes of action it may now or hereafter acquire under the anti-trust laws of the United States and the State of Iowa, relating to the particular goods or services purchased or acquired by the State of Iowa pursuant to the using State of Iowa agency.

Delivery and Acceptance

When an award has been made to a vendor and the purchase order issued, deliveries are to be made in the following manner.

- A. Deliveries - All deliveries are to be made only to the point specified on the purchase order. If delivery is made to any other point, it shall be the responsibility of the vendor to promptly reship to the correct location. Failure to deliver procured goods on time may result in cancellation of an order or termination of a contract at the option of the State.
- B. Delivery Charges - All delivery charges should be to the account of the vendor whenever possible. If not, all delivery charges should be prepaid by vendor and added to the invoice.
- C. Notice of Rejection - The nature of any rejections of a shipment, based on apparent deficiencies disclosed by ordinary methods of inspection, will be given by the receiving agency to the vendor and carrier within a reasonable time after delivery of the item, with a copy of this notice to the General Services Enterprise - Purchasing. Notice of latent deficiencies which would make items unsatisfactory for the purpose intended may be given by the State of Iowa at any time after acceptance.

Delivery and Acceptance (cont)

- D. Disposition of Rejected item - The vendor must remove at the vendor's expense any item rejected by the State. If the vendor fails to remove that rejected item, the State may dispose of the item by offering the same for sale, deduct any accrued expense and remit the balance to the vendor.
- E. Testing After Delivery - Laboratory analysis of an item or other means of testing may be required after delivery. In such cases, vendors will be notified in writing that a special test is being made and that payment will be withheld until completion of the testing process.

Title to Goods

The vendor warrants that the goods purchased hereunder are free from all liens, claims or encumbrances.

Indemnification

To the extent that goods are not manufactured in accordance with the State's design, the vendor shall defend, indemnify and hold harmless the State of Iowa, the State's assignees, and other users of the goods from and against any claim of infringement of any Letter Patent, Trade Names, Trademark, Copyright or Trade Secrets by reason of sale or use of any articles purchased hereunder. The State shall promptly notify the vendor of any such claim.

Nondiscrimination

The vendor is subject to and must comply with all federal and state requirements concerning fair employment and will not discriminate between or among them by reason of race, color, religion, sex, national origin or physical handicap.

Warranty

The vendor expressly warrants that all goods supplied shall be merchantable in accordance with the Uniform Commercial Code, Section 2-314 and the Iowa Code, Section 554.2314.

Taxes



STATE OF IOWA
MASTER AGREEMENT

MA# 005 CT2562C 2
EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 10 of 10

The State of Iowa is exempt from the payment of Iowa sales tax, motor vehicle fuel tax and any other Iowa tax that may be applied to a specified commodity and/or service. Contractors performing construction activities are required to pay state sales tax on the cost of materials. The Iowa Department of Revenue exemption letter will be furnished to a vendor upon request.

Hazardous Material

All packaging, transportation, and handling of hazardous materials shall be in accordance with applicable federal and state regulations including, but not limited to, the Material Safety Data Sheet provision of O.S.H.A. Hazard Communication Standard 29CFR 1910.1200, and Iowa Administrative Code, Chapter 567.

Public Records

The laws of the State of Iowa require procurement records to be made public unless exempted by the Code of Iowa.

Miscellaneous

The terms and provisions of this contract shall be construed in accordance with the laws of the State of Iowa. Any and all litigation or actions commenced in connection with this contract shall be brought in Des Moines, Iowa, in Polk County District Court for the State of Iowa. If however, jurisdiction is not proper in Polk County District Court, the action shall only be brought in the United States District Court for the Southern District of Iowa, Central Division, providing that jurisdiction is proper in that forum. This provision shall not be construed as waiving any immunity to suit or liability, which may be available to the State of Iowa.

If any provision of this contract is held to be invalid or unenforceable, the remainder shall be valid and enforceable.

Records Retention

The vendor shall maintain books, records, and documents which sufficiently and properly document and calculate all charges billed to the State of Iowa throughout the term of this Agreement for a period of at least five (5) years following the date of final payment or completion of any required audit, whichever is later. The vendor shall at, no charge, permit the Auditor of the State of Iowa, or any authorized representative of the State (or where federal funds are involved, the Comptroller General of the United States or any other authorized representative of the United States government) to access and examine, audit, excerpt and transcribe any directly pertinent books, documents, papers, electronic or optically stored and created records, or other records of the vendor relating to orders, invoices, or payments documentation or materials pertaining to this Agreement.

Independent Contractor

The vendor is an independent contractor performing services for the State of Iowa, and as such shall not hold itself out as an employee or agent of the State.

Performance Monitoring

For all service contracts, the requirements of Iowa Code sections 8.47 shall be incorporated into final terms and conditions of the contract.

**PARTICIPATING ADDENDUM
NASPO/Oklahoma AED Contract
Contract SW 60300**

State of Iowa, Contract CT2562C

Cardiac Science Corp. #750

1. Participating Jurisdiction:

State of Iowa, Department of Administrative Services (DAS), General Services Enterprise, Purchasing Section, 1305 East Walnut Street, Hoover State Office Building, Des Moines, Iowa, 50319-0105.

Within the State of Iowa, all state agencies, facilities and political sub-divisions (cities, counties, school districts and universities) or any entity funded in full or in part by tax dollars, are eligible purchasers and authorized to purchase products and services under the terms of this agreement.

2. Changes:

A.) The Contractor shall provide a semi-annual, electronic report on all sales made against this agreement with the State of Iowa to the State's primary contact listed below. The report at a minimum shall include the order date, State order number, customer name, product name/number, quantity, order total price and the semi-annual grand-total price.

B.) The Contractor's stated pricing shall be the prices approved and agreed to with the State of Oklahoma (NASPO)....

Contract Title: Automated External Defibrillators (AED's)

Contract Number: SW60300

Contractor: Cardiac Science Corporation .. Contract #750

C.) The Contractor's stated pricing shall be the maximum purchase price. The Contractor may offer, within written quotations, a lower price for volume purchases or for competitive reasons.

3. Lease Agreements: Equipment Lease is not available.

4. Primary Government Contact:

Jeanette Chupp, C.P.M., Purchasing Agent III

Iowa Dept of Administrative Services

General Services Enterprise – Purchasing

1305 East Walnut Street, Hoover State Office Building, Level A

Des Moines, Iowa, 50319-0105

Phone: 515-281-6288 or FAX 515-242-5974

E-Mail: Jeanette.Chupp@iowa.gov

Primary Contractor "Cardiac Science" Contact:

Contract Administrator: Jeanne Thompson, 425-402-2321

E-Mail: jthompson@cardiacscience.com

Customer Service Phone: 800-426-0337 or smadden@cardiacscience.com

Cardiac Science Corp.
Dept. 587, P.O. Box 120587
Dallas, Texas, 75312-0587
FEIN #943300396
Phone for orders: 800-426-0337 or FAX 425-402-2001
E-Mail: aedorders@cardiacscience.com

There is no electronic catalogue available at this time.

- 5.) Subcontractors: Subcontractors are not authorized under this agreement.
The State of Iowa does not compensate subcontractors.

This Addendum and the NASPO Price Agreement together with its exhibits, set forth the entire agreement between the parties with respect to the subject matter of all previous communications, representations or agreements, whether oral or written, with respect to the subject matter hereof. Terms and conditions inconsistent with, contrary or in addition to the terms and conditions of this Addendum and the NASPO Price Agreement, together with its exhibits, shall not be added to or incorporated into this Addendum or the Price Agreement and its exhibits, by any subsequent purchase order or otherwise, and any such attempts to add or incorporate such terms and conditions are hereby rejected. The terms and conditions of this Addendum and the NASPO Price Agreement and its exhibits shall prevail and govern in the case of any such inconsistent or additional terms.

IN WITNESS WHEREOF, the parties have executed this Addendum as of the date of execution by both parties below.

State of Iowa

By: Debbie O'Leary

Name: Debbie O'Leary

Title: Administrator, DAS GSE

Date: 2/2/06

Cardiac Science

By: Jeanne Thompson

Name: Jeanne Thompson

Title: Contract Administrator

Date: 2/4/06

Janette Chepp, Feb. 2, 2006

NASPO/OKLAHOMA AED CONTRACT SW60300/#750
CUSTOMER INFORMATION

State of Iowa Addendum, Contract #CT2562C
Effective 1/1/2006/Expires 12/31/2006

1. Part numbers are attached per price list.
2. Maximum Order: NONE
3. Minimum Order: NONE
4. Geographic Coverage: 48 contiguous states, Washington, DC, AK, HI & PR
5. Point of Production: Deerfield, WI.
6. Pricing Stated: Net Price
7. Quantity Discounts: None
8. Prompt Payment Terms: Net 30 days
- 9a. Government Credit Card: Accepted
- 9b. Gov. Credit Card Discount: None
10. Foreign Items: None
- 11a. Time of Delivery: Within 14 days after receipt of order (ARO).
- 11bcd Expedited Delivery: Within 1 day ARO. Customer is responsible for paying the difference between normal and expedited freight charges.
12. F.O.B. Destination Points: All orders shipped to the 48 states, Washington, DC, and point of exportation for Alaska, Hawaii and Puerto Rico
13. Ordering Address: Cardiac Science Corporation
Attn: Customer Service
3303 Monte Villa Parkway
Bothell, WA 98021-8969
Phone: 1-800-426-0337
Fax: 425-402-2001
14. Payment/Remit To Address: Cardiac Science Corporation
Dept. 0587
P O Box 125087
Dallas, TX 75312-0587
15. Warranty Provisions: Warranty on AEDs is seven (7) years.
Battery, electrodes and accessories warranted separately.
23. Preventive Maintenance: As stated in the Operation & Service Manual.
24. Year 2000 (Y2K) Compliant: Yes
25. Environmental Attributes: Lithium battery does not need to be recharged.
26. DUNS Number: 06-837-9226
27. CCR Database Registration: Yes
28. Business Size: Large
29. FEIN: 94-3300396
30. SIC: #3845

31. WA State Resale #602-536-018
32. WI State Resale #005-0002390509-01
33. Type of Organization: Corporation
34. Type of Business: Manufacturer
35. Names of Officers, Owners, or Partners: See Attached.
36. Contract Administrator: Jeanne Thompson
425-402-2321-Phone
425-402-2005-Fax
jthompson@cardiacscience.com
37. Renewal Periods: 1/1/2007-12/31/2010



CONTRACT

State of Oklahoma

Dispatch via Print

Vendor ID 0000014382
CARDIAC SCIENCE INC
1900 MAIN ST STE 700
IRVINE CA 92614-7317
USA

Contract ID			Page	
000000000000000000000000750			1 of 1	
Contract Dates		Currency	Rate Type	Rate Date
01/01/2006 to 12/31/2006		USD	CRRNT	PO Date
Description:			Contract Maximum	
			0.00	
TYPE: STATEWIDE				

Tax Exempt? Y Tax Exempt ID: 736017987

Line #	Item ID/Item Desc	Minimum Order		Maximum / Open	
		Qty	Amt	Qty	Amt
1	04651419	1.00	0.00	0.00	0.00

Cardiac Science
PowerHeart AED G3 Automated External Defibrillator
and accessories.
See attached price list and specifications.

Price may be changed to show total cost of order.
(Ordering entity is to list complete description of required items with
prices then total all items.)

COMMENTS:

Final = The price is final after adjustments
Hard = Apply adjustments regardless of other adjustments
Skip = Skip adjustments if any other adjustments have been applied

Authorized Signature

Betty Cairns

CARDIAC SCIENCE
Creating Heartsafe Environments
Contract #750

Powerheart Automated External Defibrillator G3

CONTRACT ADMINISTRATOR: Jeanne Thompson Phone 425-402-2321
jthompson@cardiacscience.com

VENDOR REPRESENTATIVE: Customer Service phone 800-426-0337
Customer Service Questions can be addressed to Shelly Madden
E-Mail: smadden@cardiacscience.com

State of Oklahoma
(NASPO)

State of Oklahoma (NASPO) Price List #SW60300

Automated External Defibrillators (AEDs)

Model #	Discounted Standard Package	Net Price \$
9300A-201	Powerheart® AED G3 Fully Automatic with voice & text display; biphasic waveform, and internal memory . 9146-002 Battery.	\$1295.00
9300 E-201	Powerheart® AED G3 with voice & text display; biphasic waveform & internal memory. 9146-002 Battery.	\$1295.00
9300P-201	Powerheart® AED G3 Pro with ECG color display, manual override, configurable biphasic energy protocols and detection rates, optional 3-lead continuous ECG patient monitoring, multiple rescue internal memory, (nonrechargeable battery). 9145-001 Battery.	\$2450.00
9300P-301	Powerheart® AED G3 Pro with ECG color display, manual override, configurable biphasic energy protocols and detection rates, optional 3-lead continuous ECG patient monitoring, multiple rescue internal memory, (rechargeable battery). 9144-001 Battery and charger kit 9044-001.	\$2450.00

Each AED package includes: (1) Defibrillator, (1) IntelliSense Lithium Battery, (1) pair of adult defibrillation pads #9131-001, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD-ROM with AED Manual, Training Video, RescueLink and MDLink, and serial communication cable. (Serial communication cable not included with 9300P models).

Model #	Oklahoma Package 1	Net Price \$
9300A-201	Powerheart® AED G3 Fully Automatic with voice & text display; biphasic waveform, and internal memory . 9146-002 Battery.	\$1450.00
9300 E-201	Powerheart® AED G3 with voice & text display; biphasic waveform & internal memory. 9146-002 Battery.	\$1450.00
9300P-201	Powerheart® AED G3 Pro with ECG color display, manual override, configurable biphasic energy protocols and detection rates, optional 3-lead continuous ECG patient monitoring, multiple rescue internal memory, (nonrechargeable battery). 9145-001 Battery.	\$2650.00
9300P-301	Powerheart® AED G3 Pro with ECG color display, manual override, configurable biphasic energy protocols and detection rates, optional 3-lead continuous ECG patient monitoring, multiple rescue internal memory, (rechargeable battery). 9144-001 Battery and charger kit 9044-001.	\$2650.00

Each AED package includes: (1) Defibrillator, (1) IntelliSense Lithium Battery, (2) pair of adult defibrillation pads 9131-001, (1) pair of pediatric defibrillation pads 9730-002, (1) carrying case 168-6000-001, (1) ready kit 5550-003, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD-ROM with AED Manual, Training Video, RescueLink and MDLink, and serial communication cable. (Serial communication cable not included with 9300P models).

Model #	Oklahoma Package 2	Net Price \$
9300A-201	Powerheart® AED G3 Fully Automatic with voice & text display; biphasic waveform, and internal memory . 9146-002 Battery.	\$1650.00
9300 E-201	Powerheart® AED G3 with voice & text display; biphasic waveform & internal memory. 9146-002 Battery.	\$1650.00
9300P-201	Powerheart® AED G3 Pro with ECG color display, manual override, configurable biphasic energy protocols and detection rates, optional 3-lead continuous ECG patient monitoring, multiple rescue internal memory, (nonrechargeable battery). 9145-001 Battery.	\$2850.00
9300P-301	Powerheart® AED G3 Pro with ECG color display, manual override, configurable biphasic energy protocols and detection rates, optional 3-lead continuous ECG patient monitoring, multiple rescue internal memory, (rechargeable battery). 9144-001 Battery and charger kit 9044-001.	\$2850.00

Each AED package includes: (1) Defibrillator, (2) IntelliSense Batteries, (2) pair of adult defibrillation pads 9131-001, (1) pair of pediatric defibrillation pads 9730-002, (1) carrying case 168-6000-001, (1) ready kit 5550-003, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD-ROM with AED Manual, Training Video, RescueLink and MDLink, and serial communication cable. (Serial communication cable not included with 9300P models).

Delivery Systems

Model #	Description	Net Price \$
168-6000-001	Carrying case for 9300 series AED.	\$99.00
9157-004	Hard-sided waterproof carrying case for AED.	\$152.00
164-0225-001	Empty backpack/carrying case, holds AED and size D or C oxygen cylinders.	\$320.00
5550-003	Ready Kit for 9300 series AED G3: includes nitrile gloves, razor, scissors, towel, 4" gauze, antiseptic wipes, and one-way filter mask. Carabiner attachment.	\$48.00
166-0418-001	Spare Battery Bag (empty): Attaches to 9300 series AED G3 carrying case.	\$32.00
5587-001	Total Response Rescue Kit includes emergency oxygen cylinder, single flow regulator, tubing, mask, BBP Kits and First Aid Kit. Includes wire wall mount rack.	\$995.00
5588-001	Total Response Rescue Backpack: includes emergency oxygen cylinder, single flow regulator, tubing, mask, BBP Kits and First Aid Kit. Includes wire wall mount rack.	\$895.00
180-2020-001	AED wall mount storage case	\$179.00
180-2021-001	AED wall mount storage case with strobe light alarm	\$199.00
180-2021-002	AED wall mount storage case with strobe light alarm, security system enabled.	\$199.00
180-2021-003	Semi-recessed AED wall mount storage with strobe light alarm, security system enabled.	\$199.00
170-2145-001	Wire wall mount rack for 9300 series AED G3	\$42.00
170-2146-001	Wire wall mount rack for 9300 series AED G3 w/ straps	\$42.00
170-2150-001	Wire wall mount rack for 9300 series AED G3 in carrying case (168-6000-001)	\$46.00
170-2152-001	Wire wall mount rack for 9300 series AED G3 w/ straps in carrying case (168-6000-001)	\$46.00
168-0056-001	Wall Mount Sign identifying location of AED, 3-D	\$21.00

State of Oklahoma (NASPO) Price List #SW60300

Software

Model #	Description	Net Price \$
180-0037-001	Additional Quick Start Tool Kit for 9300 A/C/E series AED G3: Includes Quick Start Guide, CD-ROM with AED Manual, Training Video, RescueLink and MDLink, and serial communication cable.	\$39.95
180-0034-001	Additional Quick Start Tool Kit for 9300P series AED G3: Includes Quick Start Guide, CD-ROM with AED Manual, Training Video, RescueLink and MDLink.	\$39.95
9171-001	USB Serial Adapter Cable	\$29.35
162-0108-001	IR Communications Cable for Powerheart AED G3 Pro (serial). Compatible with USB ports via 9171-001.	\$58.75

Heartsafe Program Management, Educational Accessories and Materials

Model #	Description	Net Price \$
9917-001	Site Assessment (formal analysis & report)	\$489.00
9918-001	Quick Response Program Management (1 year) – AHA Heartsaver AED/CPR training, medical authorization/prescription and direction, program management, MasterTrak software and E-minders. Four hours. 10 students one session.	\$975.00
9918-002	Total Response Program Management (1year) – in addition to Quick Response program features, basic first aid and oxygen administration are included. Six hours. 10 students one session.	\$1,171.00
9919-001	Additional Training for 10, Quick Response – same day and location.	\$779.00
9919-002	Additional Training for 10, Total Response – same day and location	\$975.00
9921-001	Blood Borne Pathogens Training, ASHI course. One hour.	\$195.00
9921-002	First Aid Training. Three hour AHA course provides basic first aid procedures for medical emergencies and injuries.	\$734.00
9922-001	Online Refresher Training for 10 students (annually) provides a review of AED/CPR training and an online quiz.	\$391.00
9925-001	AED/CPR for Children. One hour. AHA course teaches rescuers AED/CPR and choking skills for children ages 1-8.	\$195.00
9925-002	AED/CPR for Infants. One hour. AHA course teaches rescuers AED/CPR and choking skills for infants under 1.	\$195.00
9927-001	Post Event Review and Incident Debriefing Service – call-in support, assistance with download of data and submission of data as required by state regulation within 24 hours of notification. Service per location per year.	\$48.95
180-4020-001	Full size AED Trainer, dual mode AED/Automatic with Manual, Training Pads (one pair) and Remote Control: English (U.S.), Spanish, Portuguese (Brazil), French, Italian, Greek.	\$245.00
180-2080-002	AED Trainer Replacement Remote Control	\$29.95
9021-002	AED Patient Simulator	\$300.00
9035-003	Adult Training Pads (one pair) for use with Cardiac Science training device	\$18.75
9725-001	Pediatric Training Pads (one pair) for use with Cardiac Science training device	\$29.95
C-5009-000	AHA Heartsaver AED Text	\$9.50
400846-001	AHA Heartsaver AED Instructor's Manual	\$17.00
400847-001	AHA Heartsaver AED Instructor's Tool Kit: includes video, presentation, evaluation forms	\$57.00

AED Accessories

Model #	Description	Net Price \$
9131-001	Defibrillation pads (adult) with two-year shelf life	\$32.00
9660-001	Polarized Defibrillation Pads with pacing capability (adult): two-year shelf life	\$32.00
9730-002	Pediatric Defibrillation Pads: two year shelf life	\$74.00
5111-001	ECG Patient Monitoring Kit for Powerheart AED G3 Pro: Includes 3 lead cable and 3-pack of ECG electrodes	\$280.25
9051-002	Electrode Adapter: connects Cardiac Science AED pads to Medtronic Physio-Control defibrillators using QUIK-COMBO® connector system	\$68.00
9053-001	Electrode Adapter: connects Cardiac Science AED pads to Zoll® defibrillators	\$44.00
9055-001	Electrode Cable: reverse adapter for QUIK-COMBO system	\$250.00
9141R-001	IntelliSense Lithium Battery: for Cardiac Science AEDs	\$221.25
9143-001	IntelliSense Lithium Battery: for FirstSave AED G3, models 9300C	\$119.00
9144-001	Rechargeable Battery: for Powerheart AED G3 Pro Model 9300P.	\$375.00
9044-001	Charger Kit for Rechargeable Battery: for Powerheart AED G3 Pro Model 9300P.	\$185.25
9145-001	IntelliSense Lithium Battery: for Powerheart AED G3 Pro model 9300P	\$375.25
9146-002	IntelliSense Lithium Battery: for Powerheart AED G3	\$245.00

INTRODUCTION

Sudden cardiac arrest (SCA) — or massive heart attack — as it is sometimes known, kills 465,000 people in the U.S. alone each year, and can strike anyone. Even a seemingly healthy person can suffer cardiac arrest without warning. According to the American Heart Association® (AHA), as many as 50% of SCA victims have no prior indication of heart disease — their first symptom is cardiac arrest. Moreover, 15% of all workplace fatalities reported to OSHA in recent years are attributable to sudden cardiac arrest.

The only definitive treatment for SCA is a defibrillation shock — a brief, effective therapeutic electric shock through the person's chest to the heart — which restores a normal heart rhythm. For every minute that passes prior to receiving a defibrillation shock, a victim's chances of survival decline by 10%. The ability to immediately defibrillate saves lives. Clinical studies show that when cardiac arrest victims are defibrillated immediately, more than 90% survive. The American Heart Association has determined that **time to defibrillation** is the single most important factor in the survival of an SCA victim.

Company Background

The mission of Cardiac Science is to provide safe, vigilant, and intelligent cardiac monitoring and defibrillation technology that significantly reduces time to defibrillation, and saves lives. Our objective is to raise the standard of care for cardiac arrest victims both inside and outside the hospital. To that end, Cardiac Science develops, manufactures and markets advanced, lifesaving automatic external cardiac defibrillator technologies that are fast, effective, and extremely easy to use.

Product Information

Cardiac Science AEDs follow the AHA 2000 Guidelines for use of an AED. These guidelines specifically call for AEDs to deliver a shock to an unconscious, non-breathing, pulseless patient, when the AED recognizes ventricular fibrillation (VF), ventricular tachycardia (VT), and supraventricular tachycardia (SVT). The SVT Discriminator comes from the factory with a default setting "NO THERAPY FOR SVT", but can be enabled using MDLink Software on the Powerheart® AED G3. The Cardiac Science AEDs are the only AEDs that treat all of these life-threatening arrhythmias.

RHYTHMx® Software

In order to provide a technology solution to Sudden Cardiac Arrest, Cardiac Science developed RHYTHMx® software technology, a patented software detection algorithm. The RHYTHMx® software technology combines advanced signal filtering, extraction, and waveform discrimination algorithms. RHYTHMx® instantly and accurately detects abnormal heart rhythms, determines whether they are life-threatening and, when appropriate, facilitates the delivery of a defibrillation shock.

Cardiac Science Corporation
Amendment to:
Limited Warranty for Powerheart AED G3

Cardiac Science Corporation hereby agrees to modify the standard terms and conditions stated in the Limited Warranty for Powerheart AED G3 as follows:

1. The second paragraph of the section titled "What You Must Do" shall be amended as follows:
 "If Necessary, and at our sole discretion, we will arrange for service or a replacement of our product."
 Shall be replaced with "Cardiac Science shall arrange for service or replacement of our product."
2. The second paragraph of the section titled "What we will do" shall be amended as follows:
 "...warranty period, Cardiac Science, at its sole discretion, will repair your product or replace it." Shall be replaced with
 "...warranty period, Cardiac Science shall arrange for service or replacement of your product."
3. The limitations of the Warranty provided in the section titled "Obligations and Warranty limits" shall be restricted to the fullest extent provided under Oklahoma law.
4. The paragraph under the section titled "What this Warranty does not cover" shall be amended as follows:
 The statement "...damage while in transit to our service location..." shall be deleted.

This amendment shall only be applicable to those products provided under the State of Oklahoma Solicitation Number SW60300 and the State of Oklahoma acknowledges that Cardiac Science products will be delivered to the end users with the Cardiac Science Standard warranty statement. The parties hereby agree that this amendment is incorporated by reference.

In addition to this amendment to the Limited Warranty, Cardiac Science Corporation hereby acknowledges and agrees that the Terms and Conditions outlined in the State of Oklahoma Solicitation Number SW60300 shall supersede any other terms and conditions offered by Cardiac Science Corporation.

Acknowledged:

Cardiac Science Corporation

T. Way
Name

VICE PRESIDENT - FINANCE
Its

30 NOVEMBER 2005
Date

State of Oklahoma
Betty Cairns
Name

State Purchasing Director
Its

01/06/2006
Date



STATE OF IOWA
MASTER AGREEMENT

MA# 005 CT2562C 1
EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 1 of 11

BUYER : JEANETTE CHUPP
Jeanette.Chupp@iowa.gov
515-281-6288

FOB FOB Dest, Freight Prepaid

PAYMENT TERMS (%): DAYS:

VENDOR:

CARDIAC SCIENCE CORP
Dept 0587
PO Box 120587
Dallas, TX 75312-0587
USA

VENDOR CONTACT:

Timothy J Way
PHONE: 425-402-2448 EXT:
EMAIL: tway@cardiacscience.com
VENDOR #: 94330039600

DESCRIPTION OF ITEMS CONTRACTED

Defibrillators (AED's) per NASPO Contract SW60300.

Powerheart Brand, Automatic External Defibrillator (AED) Packages and Accessories per NASPO/Oklahoma Contract SW60300 and Cardiac Science Contract #750 of 9/27/2005.

Customer Service Sales Support Phone: 800-426-0337 or contact Shelly Madden at e-Mail: smadden@cardiacscience.com

Contract Administrator: Jeanne Thompson at phone 425-402-2321 or e-mail: jthompson@cardiacscience.com

FOB: Destination

Terms: Net 30

Minimum Order: Standard Mfg. Package

Discount: Net Price List of 9/27/05 (discount deducted)

Delivery: 14 days ARO

Web-Site: www.cardiacscience.com

RENEWAL PERIODS

FROM 01-01-2007 TO 12-31-2010

THRESHOLDS

MINIMUM ORDER AMOUNT:

MAXIMUM ORDER AMOUNT:

NOT TO EXCEED AMOUNT:

AUTHORIZED DEPARTMENT

ALL

TOTAL \$0.00

VENDOR:

APPROVED BY:

Timothy J Way 2/6/06
Jeanette Chupp, Feb. 2, 2006

THIS MA IS SUBJECT TO THE TERMS
AND CONDITIONS ATTACHED HERETO.
PLEASE SEE ATTACHMENTS FOR
FURTHER DESCRIPTIONS.



**STATE OF IOWA
MASTER AGREEMENT**

MA# 005 CT2562C 2
EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 2 of 11

LINE NO.	QUANTITY / SERVICE DATES	UNIT	COMMODITY / DESCRIPTION	UNIT COST / PRICE OF SERVICE
1	0.00000		4651420 DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE	\$0.000000 \$0.000000
2	0.00000		4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR	\$0.000000 \$0.000000
3	0.00000	EA	4651420 DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE DISCOUNTED STANDARD PACKAGE: 9300A-201, Powerheart AED G3 Fully Automatic with voice and text display; biphasic waveform and internal memory. 9146-002 Battery. STANDARD PACKAGE includes (1) defibrillator, (1) IntelliSense Lithium Battery, (1) pair of adult defibrillation pads #9131-001, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink, and serial communication cable.	\$1,295.000000 \$0.000000
4	0.00000	EA	4651420 DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE DISCOUNTED STANDARD PACKAGE: 9300E-201, Powerheart AED G3 with voice and text display; biphasic waveform and internal memory. 9146-002 Battery. STANDARD PACKAGE includes (1) defibrillator, (1) IntelliSense Lithium Battery, (1) pair of adult defibrillation pads #9131-001, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink, and serial communication cable.	\$1,295.000000 \$0.000000
5	0.00000	EA	4651420 DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE DISCOUNTED STANDARD PACKAGE: 9300P-201, Powerheart AED G3 PRO with ECG color display, manual override, configurable biphasic energy protocols and detection rates, optional 3-lead continuous ECG patient monitoring, multiple rescue internal memory, (non-rechargeable battery). 9145-001 Battery. STANDARD PACKAGE includes (1) defibrillator, (1) IntelliSense Lithium Battery, (1) pair of adult defibrillation pads #9131-001, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink.	\$2,450.000000 \$0.000000
6	0.00000	EA	4651420 DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE DISCOUNTED STANDARD PACKAGE: 9300P-301, Powerheart AED G3 PRO with ECG color display, manual override, configurable biphasic energy protocols and detection rates, optional 3-lead continuous ECG patient monitoring, multiple rescue internal memory, (rechargeable battery). 9144-001 Battery and charger kit 9044-001. STANDARD PACKAGE includes (1) defibrillator, (1) IntelliSense Lithium Battery, (1) pair of adult defibrillation pads #9131-001, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink.	\$2,450.000000 \$0.000000
7	0.00000	EA	4651420 DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE OKLAHOMA PACKGE #1. 9300A-201, Powerheart AED G3 Fully Automatic with voice & text display, biphasic waveform, and internal memory. 9146-002 Battery. AED Package includes: (1) Defibrillator, (1) IntelliSense	\$1,450.000000 \$0.000000



**STATE OF IOWA
MASTER AGREEMENT**

MA# 005 CT2562C 2
EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 3 of 11

LINE NO.	QUANTITY / SERVICE DATES	UNIT	COMMODITY / DESCRIPTION	UNIT COST / PRICE OF SERVICE
8	0.00000	EA	<p>Lithium Battery, (2) pair of adult defibrillation pads 9131-001, (1) pair of pediatric defibrillation pads 9730-002, (1) carrying case 168-6000-001, (1) ready kit 5550-003, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink, and serial communication cable.</p> <p>4651420</p>	<p>\$1,450.000000</p> <p>\$0.000000</p>
9	0.00000	EA	<p>DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE</p> <p>OKLAHOMA PACKGE #1.</p> <p>9300E-201, Powerheart AED G3 with voice & text display, biphasic waveform, and internal memory. 9146-002 Battery. AED Package includes: (1) Defibrillator, (1) IntelliSense Lithium Battery, (2) pair of adult defibrillation pads 9131-001, (1) pair of pediatric defibrillation pads 9730-002, (1) carrying case 168-6000-001, (1) ready kit 5550-003, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink, and serial communication cable.</p> <p>4651420</p>	<p>\$2,650.000000</p> <p>\$0.000000</p>
10	0.00000	EA	<p>DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE</p> <p>OKLAHOMA PACKGE #1.</p> <p>9300P-201, Powerheart AED G3 Pro with ECG color display, manual override, configurable biphasic energy protocols and detection rates, optional 3-lead continuous ECG patient monitoring, multiple rescue internal memory, (non-rechargeable battery). 9145-001 Battery. AED Package includes: (1) Defibrillator, (1) IntelliSense Lithium Battery, (2) pair of adult defibrillation pads 9131-001, (1) pair of pediatric defibrillation pads 9730-002, (1) carrying case 168-6000-001, (1) ready kit 5550-003, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink.</p> <p>4651420</p>	<p>\$2,650.000000</p> <p>\$0.000000</p>
11	0.00000	EA	<p>DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE</p> <p>OKLAHOMA PACKGE #1.</p> <p>9300P-301, Powerheart AED G3 Pro with ECG color display, manual override, configurable biphasic energy protocols and detection rates, optional 3-lead continuous ECG patient monitoring, multiple rescue internal memory, (rechargeable battery). 9144-001 Battery and Charger kit 9044-001. AED Package includes: (1) Defibrillator, (1) IntelliSense Lithium Battery, (2) pair of adult defibrillation pads 9131-001, (1) pair of pediatric defibrillation pads 9730-002, (1) carrying case 168-6000-001, (1) ready kit 5550-003, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink.</p> <p>4651420</p>	<p>\$1,650.000000</p> <p>\$0.000000</p>
12	0.00000	EA	<p>DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE</p> <p>OKLAHOMA PACKGE #2.</p> <p>9300A-201, Powerheart AED G3 Fully Automatic with voice & text display, biphasic waveform, and internal memory. 9146-002 Battery. AED Package includes: (1) Defibrillator, (2) IntelliSense Batteries, (2) pair of adult defibrillation pads 9131-001, (1) pair of pediatric defibrillation pads 9730-002, (1) carrying case 168-6000-001, (1) ready kit 5550-003, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink, and serial communication cable.</p> <p>4651420</p>	<p>\$1,650.000000</p> <p>\$0.000000</p>



**STATE OF IOWA
MASTER AGREEMENT**

MA# 005 CT2562C 2
EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 4 of 11

LINE NO.	QUANTITY / SERVICE DATES	UNIT	COMMODITY / DESCRIPTION	UNIT COST / PRICE OF SERVICE
			9300E-201, Powerheart AED G3 with voice & text display, biphasic waveform, and internal memory. 9146-002 Battery. AED Package includes: (1) Defibrillator, (2) IntelliSense Batteries, (2) pair of adult defibrillation pads 9131-001, (1) pair of pediatric defibrillation pads 9730-002, (1) carrying case 168-6000-001, (1) ready kit 5550-003, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink, and serial communication cable.	
13	0.00000	EA	4651420	\$2,850.000000 \$0.000000
			DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE OKLAHOMA PACKAGE #2. 9300P-201, Powerheart AED G3 PRO with ECG color display, manual override, configurable biphasic energy protocols and detection rates, optional 3-lead continuous ECG patient monitoring, multiple rescue internal memory, (non-rechargeable battery). 9145-001 Battery. AED Package includes: (1) Defibrillator, (2) IntelliSense Batteries, (2) pair of adult defibrillation pads 9131-001, (1) pair of pediatric defibrillation pads 9730-002, (1) carrying case 168-6000-001, (1) ready kit 5550-003, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink.	
14	0.00000	EA	4651420	\$2,850.000000 \$0.000000
			DEFIBRILLATOR/MONITOR, AC OR DC POWER SOURCE OKLAHOMA PACKAGE #2. 9300P-301, Powerheart AED G3 PRO with ECG color display, manual override, configurable biphasic energy protocols and detection rates, optional 3-lead continuous ECG patient monitoring, multiple rescue internal memory, (rechargeable battery). 9144-001 Battery and charger kit 9044-001. AED Package includes: (1) Defibrillator, (2) IntelliSense Batteries, (2) pair of adult defibrillation pads 9131-001, (1) pair of pediatric defibrillation pads 9730-002, (1) carrying case 168-6000-001, (1) ready kit 5550-003, and (1) Quick Start Tool Kit which includes Quick Start Guide, CD ROM with AED Manual, Training Video, RescueLink and MDLink.	
15	0.00000	EA	4651455	\$99.000000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR 168-6000-001, Carrying Case for 9300 series AED	
16	0.00000	EA	4651455	\$152.000000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR 9157-004, hard-sided, waterproof carrying case for AED.	
17	0.00000	EA	4651455	\$320.000000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR 164-0225-001 Empty backpack/carrying case, holds AED and size D or C oxygen cylinders.	
18	0.00000	EA	4651455	\$48.000000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR 5550-003, Ready Kit for 9300 series AEC G3. Includes nitrile gloves, razor, scissors, towel, 4" gauze, antiseptic wipes and one-way filter mask. Caribiner attachment.	
19	0.00000	EA	4651455	\$32.000000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR 166-0418-001 Spare Battery Bag (empty). Attaches to 9300 series AED G3 Carrying case.	



**STATE OF IOWA
MASTER AGREEMENT**

MA# 005 CT2562C 2
EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 5 of 11

LINE NO.	QUANTITY / SERVICE DATES	UNIT	COMMODITY / DESCRIPTION	UNIT COST / PRICE OF SERVICE
20	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 5587-001, Total Response Rescue Kit includes emergency oxygen cylinder, single flow regulator, tubing, mask, BBP Kits and First Aid Kit. Includes wire wall mount rack.	\$995.000000 \$0.000000
21	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 5588-001, Total Response Rescue Backpack. Includes emergency oxygen cylinder, single flow regulator, tubing, mask, BBP Kits and First Aid Kit. Includes wire wall mount rack.	\$895.000000 \$0.000000
22	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 180-2020-001, AED wall mount storage case	\$179.000000 \$0.000000
23	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 180-2021-001, AED wall mount storage case with strobe light alarm.	\$199.000000 \$0.000000
24	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 180-2021-002, AED wall mount storage case with strobe light alarm, security system enabled.	\$199.000000 \$0.000000
25	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 180-2021-003, Semi-recessed AED wall mount storage with stobe light alarm, security system enabled.	\$199.000000 \$0.000000
26	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 170-2145-001, Wire wall mount rack for 9300 series AED G3.	\$42.000000 \$0.000000
27	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 170-2146-001, Wire wall mount rack for 9300 series AED G3 with straps.	\$42.000000 \$0.000000
28	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 170-2150-001, Wire wall mount rack for 9300 series AED G3 in carrying case (168-6000-001).	\$46.000000 \$0.000000
29	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 170-2152-001, Wire wall mount rack for 9300 AED G3 with straps in carrying case (168-6000-001).	\$46.000000 \$0.000000
30	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 168-0056-001, Wall Mount Sign identifying location of AED, 3-D.	\$21.000000 \$0.000000
31	0.00000	EA	20860 Medical Software, All Types 180-0037-001, Additional Quick Start Tool Kit for 9300 A/C/E	\$39.950000 \$0.000000



**STATE OF IOWA
MASTER AGREEMENT**

MA# 005 CT2562C 2
EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 6 of 11

LINE NO.	QUANTITY / SERVICE DATES	UNIT	COMMODITY / DESCRIPTION	UNIT COST / PRICE OF SERVICE
			Series AED G3. Includes Quick Start Guide, CD-ROM with AED Manual, Training Video, RescueLink and MDLink and serial communication cable.	
32	0.00000	EA	20860	\$39.950000 \$0.000000
			Medical Software, All Types 180-0034-001, Additional Quick Start Tool Kit for 9300P series AED G3. Includes Quick Start Guide, CD-ROM with AED Manual, Training Video, RescueLink and MDLink.	
33	0.00000	EA	20860	\$29.350000 \$0.000000
			Medical Software, All Types 9171-001, USB Serial Adapter Cable	
34	0.00000	EA	20860	\$58.750000 \$0.000000
			Medical Software, All Types 162-0108-001, IR Communications Cable for Powerheart AED G3 Pro (serial). Compatible with USB ports via 9171-001.	
35	0.00000	EA	90775	\$489.000000 \$0.000000
			Site Assessment and Site Field Observation 9917-001, Site Assessment (formal analysis and report)	
36	0.00000	EA	9243520	\$975.000000 \$0.000000
			TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION 9918-001, Quick Response Program Management (1-Year) - AHA Heartsaver AED/CPR Training, medical authorization/prescription and direction, program management, MasterTrak software and e-minders. Four hours. 10 Students, one session.	
37	0.00000	EA	9243520	\$1,171.000000 \$0.000000
			TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION 9918-002, Total Response Program Management (1-Year), in addition to Quick Response program features, basic first aid and oxygen administration are included. Six Hours. 10 students per session.	
38	0.00000	EA	9243520	\$779.000000 \$0.000000
			TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION 9919-001, Additional Training for 10, Quick Response - same day and location.	
39	0.00000	EA	9243520	\$975.000000 \$0.000000
			TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION Additional training for 10. Total Response - same day and location.	
40	0.00000	EA	9243520	\$195.000000 \$0.000000
			TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION 9921-001, Blood Borne Pathogens Training. ASHI course. One hour.	
41	0.00000	EA	9243520	\$734.000000 \$0.000000
			TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION 9921-002, First Aid Training. Three hour AHA course provides basic first aid procedures for medical emergencies and injuries.	
42	0.00000	EA	9243520	\$391.000000 \$0.000000
			TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION 9922-001. Online Refresher Training for 10 students (annually) provides a review of AED/CPR training and an online quiz.	



**STATE OF IOWA
MASTER AGREEMENT**

MA# 005 CT2562C 2
EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 7 of 11

LINE NO.	QUANTITY / SERVICE DATES	UNIT	COMMODITY / DESCRIPTION	UNIT COST / PRICE OF SERVICE
43	0.00000	EA	9243520 TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION 9925-001. AED/CPR for Children. One hour. AHA course teaches rescuers AED/CPR and choking skills for children ages 1-8.	\$195.000000 \$0.000000
44	0.00000	EA	9243520 TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION 9925-002. AED/CPR for infants. One hour. AHA course teaches rescuers AED/CPR and choking skills for infants under 1.	\$195.000000 \$0.000000
45	0.00000	EA	9243520 TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION 9927-001. Post Event Review and Incident Debriefing Service. Call-in support, assistance with download of data and submission of data as required by state regulation within 24 hours of notification. Service per location per year.	\$48.950000 \$0.000000
46	0.00000	EA	9243520 TRAINING, FIRST AID AND CARDIOPULMONARY RESUSCITATION 180-4020-001. Full Size AED Trainer, dual mode AED/Automatic with Manual, Training Pads (one pair) and Remote Control. English (US), Spanish, Portuguese (Brazil), French, Italian, Greek.	\$245.000000 \$0.000000
47	0.00000	EA	34087 Training Equipment and Supplies, Fire and Safety 180-2080-002, AED Trainer Replacement Remote Control.	\$29.950000 \$0.000000
48	0.00000	EA	34087 Training Equipment and Supplies, Fire and Safety 9021-002, AED Patient Simulator	\$300.000000 \$0.000000
49	0.00000	EA	34087 Training Equipment and Supplies, Fire and Safety 9035-003, Adult Training Pads (one pair) for use with Cardiac Science training device.	\$18.750000 \$0.000000
50	0.00000	EA	34087 Training Equipment and Supplies, Fire and Safety 9725-001, Pediatric Training Pads (one pair) for use with Cardiac Science training device.	\$29.950000 \$0.000000
51	0.00000	EA	34087 Training Equipment and Supplies, Fire and Safety C-5009-000, AHA Heartsaver AED Text.	\$9.500000 \$0.000000
52	0.00000	EA	34087 Training Equipment and Supplies, Fire and Safety 400846-001, AHA Heartsaver AED Instructor's Manual.	\$17.000000 \$0.000000
53	0.00000	EA	34087 Training Equipment and Supplies, Fire and Safety 400847-001, AHA Heartsaver AED Instructor's Tool Kit. Includes video, presentation, evaluation forms.	\$57.000000 \$0.000000



**STATE OF IOWA
MASTER AGREEMENT**

MA# 005 CT2562C 2
EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 8 of 11

LINE NO.	QUANTITY / SERVICE DATES	UNIT	COMMODITY / DESCRIPTION	UNIT COST / PRICE OF SERVICE
54	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 9131-001. Defibrillation pads (adult) with two-year shelf life.	\$32.000000 \$0.000000
55	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 9660-001. Polarized Defibrillation Pads with pacing capability (adult). Two-year shelf life.	\$32.000000 \$0.000000
56	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 9730-002. Pediatric Defibrillation Pads. Two-Year shelf life.	\$74.000000 \$0.000000
57	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 5111-001. ECG Patient Monitoring Kit for Powerheart AED G3 Pro. Includes 3 lead cable and 3-pack of ECG electrodes.	\$280.250000 \$0.000000
58	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 9051-002. Electrode Adapter. Connects Cardiac Science AED pads to Medtronic Physio-Control defibrillators using QUIK-COMBO brand connector system.	\$68.000000 \$0.000000
59	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 9053-001. Electrode Adapter. Connects Cardiac Science AED pads to Zoll Brand defibrillators.	\$44.000000 \$0.000000
60	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 9055-001 Electrode Cable. Reverse adapter for QUIK-COMBO system.	\$250.000000 \$0.000000
61	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 9141R-001. IntelliSense Lithium Battery for Cardiac Science AED.	\$221.250000 \$0.000000
62	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 9143-001 IntelliSense Lithium Battery for FirstSave AED G3, models 9300C.	\$119.000000 \$0.000000
63	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 9144-001 Rechargeable Battery for Powerheart AED G3 Pro Model 9300P.	\$375.000000 \$0.000000
64	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 9044-001 Charger Kit for Rechargeable Battery for Powerheart AED G3 Pro Model 9300P.	\$185.250000 \$0.000000
65	0.00000	EA	4651455 PARTS AND ACCESSORIES, DEFIBRILLATOR 9145-001 IntelliSense Lithium Battery for Powerheart AED G3 Pro	\$375.250000 \$0.000000



STATE OF IOWA
MASTER AGREEMENT

MA# 005 CT2562C 2
EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 9 of 11

LINE NO.	QUANTITY / SERVICE DATES	UNIT	COMMODITY / DESCRIPTION	UNIT COST / PRICE OF SERVICE
66	0.00000	EA	model 9300P. 4651455	\$245.000000 \$0.000000
			PARTS AND ACCESSORIES, DEFIBRILLATOR 9146-002, IntelliSense Lithium Battery for Powerheart AED G3.	



STATE OF IOWA
MASTER AGREEMENT

MA# 005 CT2562C 2
EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 10 of 11

TERMS AND CONDITIONS

Incorporation

The Request for Proposal and/or bid documents for this project and the vendor's proposal in response to the RFP or Bid together with any clarifications, attachments, appendices, or amendments of the State or the Vendor are incorporated into this Contract by reference as if fully set forth in this Contract.

Remedies upon Default

In any case where the vendor has failed to deliver or has delivered non-conforming goods and/or services, the State shall provide a cure notice. The notice to cure shall state the maximum length of time the vendor has to cure. If after the time period stated in the notice to cure has passed, the vendor continues to be in default, the State may procure goods and/or services in substitution from another source and charge the difference between the contracted price and the market price to the defaulting vendor. The State's Attorney General shall be requested to make collection from the defaulting vendor.

Force Majeure

Force majeure includes acts of God, war, civil disturbance and any other causes which are beyond the control and anticipation of the party affected and which, by the exercise of reasonable diligence, the party was unable to anticipate or prevent. These provisions of force majeure also apply to subcontractors or suppliers of the Vendor. Force majeure does not include financial difficulties of the Vendor or any associated company of the Vendor, or claims or court orders that restrict the Vendor's ability to deliver the goods or services contemplated by this Agreement. Neither the Vendor nor the State shall be liable to the other for any delay or failure of performance of this Agreement caused by a force majeure, and not as a result of the fault or negligence of a party.

Subcontractors

The successful vendor shall be responsible for all acts and performance of any subcontractor or secondary supplier that the successful vendor may engage for the completion of any contract with the State. A delay that results from a subcontractor's conduct, negligence or failure to perform shall not exempt the vendor from default remedies. The successful vendor shall be responsible for payment to all subcontractors and all other third parties.

Termination-Non-Appropriation

Notwithstanding any other provision of this contract, if funds anticipated for the continued fulfillment of this contract are at any time not forthcoming or insufficient, either through the failure of the State to appropriate funds, discontinuance or material alteration of the program for which funds were provided, then the State shall have the right to terminate this contract without penalty by giving not less than thirty (30) days written notice documenting the lack of funding, discontinuance or program alteration.

Immunity of State/Fed Agencies

The vendor shall defend and hold harmless the State and Federal funding source for the State of Iowa from liability arising from the vendor's performance of this contract and the vendor's activities with subcontracted and all other third parties.

Assignment

Vendors may not assign contracts or purchase orders to any party (including financial institutions) without written permission of the General Services Enterprise - Purchasing.

Anti-Trust Assignment

For good cause and as consideration for executing this purchase order, the vendor, through its duly authorized agent, conveys, sells, assigns, and transfers to the State of Iowa all rights, title and interest in and to all causes of action it may now or hereafter acquire under the anti-trust laws of the United States and the State of Iowa, relating to the particular goods or services purchased or acquired by the State of Iowa pursuant to the using State of Iowa agency.

Delivery and Acceptance

When an award has been made to a vendor and the purchase order issued, deliveries are to be made in the following manner.

A. Deliveries - All deliveries are to be made only to the point specified on the purchase order. If delivery is made to any other point, it shall be the responsibility of the vendor to promptly reship to the correct location. Failure to deliver procured goods on time may result in cancellation of an order or termination of a contract at the option of the State.

B. Delivery Charges - All delivery charges should be to the account of the vendor whenever possible. If not, all delivery charges should be prepaid by vendor and added to the invoice.

C. Notice of Rejection - The nature of any rejections of a shipment, based on apparent deficiencies disclosed by ordinary methods of inspection, will be given by the receiving agency to the vendor and carrier within a reasonable time after delivery of the item, with a copy of this notice to the General Services Enterprise - Purchasing. Notice of latent deficiencies which would make items unsatisfactory for the purpose intended may be given by the State of Iowa at any time after acceptance.

Delivery and Acceptance (cont)

D. Disposition of Rejected item - The vendor must remove at the vendor's expense any item rejected by the State. If the vendor fails to remove that rejected item, the State may dispose of the item by offering the same for sale, deduct any accrued expense and remit the balance to the vendor.

E. Testing After Delivery - Laboratory analysis of an item or other means of testing may be required after delivery. In such cases, vendors will be notified in writing that a special test is being made and that payment will be withheld until completion of the testing process.

Title to Goods

The vendor warrants that the goods purchased hereunder are free from all liens, claims or encumbrances.

Indemnification

To the extent that goods are not manufactured in accordance with the State's design, the vendor shall defend, indemnify and hold harmless the State of Iowa, the State's assignees, and other users of the goods from and against any claim of infringement of any Letter Patent, Trade Names, Trademark, Copyright or Trade Secrets by reason of sale or use of any articles purchased hereunder. The State shall promptly notify the vendor of any such claim.

Nondiscrimination

The vendor is subject to and must comply with all federal and state requirements concerning fair employment and will not discriminate between or among them by reason of race, color, religion, sex, national origin or physical handicap.

Warranty

The vendor expressly warrants that all goods supplied shall be merchantable in accordance with the Uniform Commercial Code, Section 2-314 and the Iowa Code, Section 554.2314.

Taxes



STATE OF IOWA
MASTER AGREEMENT

MA# 005 CT2562C 2
EFFECTIVE BEGIN DATE: 01-01-2006
EXPIRATION DATE: 12-31-2006
PAGE: 11 of 11

The State of Iowa is exempt from the payment of Iowa sales tax, motor vehicle fuel tax and any other Iowa tax that may be applied to a specified commodity and/or service. Contractors performing construction activities are required to pay state sales tax on the cost of materials. The Iowa Department of Revenue exemption letter will be furnished to a vendor upon request.

Hazardous Material

All packaging, transportation, and handling of hazardous materials shall be in accordance with applicable federal and state regulations including, but not limited to, the Material Safety Data Sheet provision of O.S.H.A. Hazard Communication Standard 29CFR 1910.1200, and Iowa Administrative Code, Chapter 567.

Public Records

The laws of the State of Iowa require procurement records to be made public unless exempted by the Code of Iowa.

Miscellaneous

The terms and provisions of this contract shall be construed in accordance with the laws of the State of Iowa. Any and all litigation or actions commenced in connection with this contract shall be brought in Des Moines, Iowa, in Polk County District Court for the State of Iowa. If however, jurisdiction is not proper in Polk County District Court, the action shall only be brought in the United States District Court for the Southern District of Iowa, Central Division, providing that jurisdiction is proper in that forum. This provision shall not be construed as waiving any immunity to suit or liability, which may be available to the State of Iowa.

If any provision of this contract is held to be invalid or unenforceable, the remainder shall be valid and enforceable.

Records Retention

The vendor shall maintain books, records, and documents which sufficiently and properly document and calculate all charges billed to the State of Iowa throughout the term of this Agreement for a period of at least five (5) years following the date of final payment or completion of any required audit, whichever is later. The vendor shall at, no charge, permit the Auditor of the State of Iowa, or any authorized representative of the State (or where federal funds are involved, the Comptroller General of the United States or any other authorized representative of the United States government) to access and examine, audit, excerpt and transcribe any directly pertinent books, documents, papers, electronic or optically stored and created records, or other records of the vendor relating to orders, invoices, or payments documentation or materials pertaining to this Agreement.

Independent Contractor

The vendor is an independent contractor performing services for the State of Iowa, and as such shall not hold itself out as an employee or agent of the State.

Performance Monitoring

For all service contracts, the requirements of Iowa Code sections 8.47 shall be incorporated into final terms and conditions of the contract.

CARDIAC SCIENCE AEDS

G3

POWERHEART[®] AED G3
automated external defibrillator

AUTOMATIC

FEATURES

- No shock button to push. Automatically detects, analyzes, and delivers life-saving defibrillation shock(s) to a cardiac arrest victim
- Patented RescueReady[®] technology performs daily self-tests (battery, electronic systems and defibrillation pads)
- Configurable STAR[®] biphasic energy protocols
- RHYTHMx[®] analysis software
- Industry's first four-year full replacement battery warranty

THE BEST AED JUST GOT EASIER

Introducing the Cardiac Science Powerheart[®] AED G3 Automatic.

The revolutionary Powerheart AED G3 Automatic has arrived. The new patented Powerheart AED G3 Automatic delivers life-saving defibrillation therapy without the need to push a shock button. Once the defibrillation pads are attached to the patient, the device detects the patient's heart rhythm, analyzes the rhythm using patented RHYTHMx[®] analysis software, and, if a life-threatening rhythm is detected, instructs the user to stand clear and automatically delivers a defibrillation shock.

The new Powerheart AED G3 Automatic also features our industry leading RescueReady[®] technology which includes our patented daily, weekly, monthly self-testing, virtually guaranteeing first time, every time rescue performance. The Powerheart AED G3 Automatic also incorporates our advanced technology features such as the Company's RHYTHMx[®] analysis software and STAR[®] biphasic defibrillation energy waveform.

To learn more about the best choice in AEDs, visit our website www.cardiacscience.com, or email info@cardiacscience.com, or call 1.866.289.5649 (USA and Canada only).



CARDIAC SCIENCE

9300A-201

CREATING HEARTSAFE ENVIRONMENTS

DEFIBRILLATOR

Operation	Automatic
Waveform	Biphasic truncated exponential
Energy (J) range available	Escalating Variable Energy (VE) 105J to 360J
Protocols	5 energy protocols available
Factory default (Nominal)	200VE, 300VE, 300VE
Shock time cycle (Typical)	Less than 55 seconds for three shock series
Voice prompts	Comprehensive voice instructions guide user through rescue process
Text screen	Displays written instructions to guide user through rescue process
Visible indicators	RescueReady Status Indicator, SmartGauge Battery Status Indicator, Service Indicator, Pad Indicator, Text Display
Audible alerts	Voice Prompt, System Alert
Synchronized shock	Built in automatic synchronization feature
Pacemaker pulse detection	Yes
Programmable	Yes, via MDLink®
Pediatric capability	Yes

PADS

Minimum combined surface area	228cm ²
Extended length of lead wire	1.3m
Supplied	Self-checking, pre-connected to the AED
Type	Adult, pre-gelled, self-adhesive, disposable, non-polarized (identical pads can be placed in either position) defibrillation pads
Shelf life	2 years

BATTERY

Type	IntelliSense® lithium battery
Warranty	4 year, full operational replacement

AUTOMATED SELF-TESTS

Daily	Battery, pads (presence and function), internal electronics, no energy charge, and software
Weekly	Battery, pads (presence and function), internal electronics, partial energy charge, and software
Monthly	Battery, pads (presence and function), internal electronics, full energy charge cycle, and software

EVENT DOCUMENTATION

Type	Internal memory
Internal memory	34 minutes ECG data with event annotation
Playback	Viewable via RescueLink® software via PC
Communications	Serial port or USB (via adapter) for PC with Windows
Clock synchronization	Precise synchronization of AED time to dispatch time

PHYSICAL DIMENSIONS

Height	8 cm (3.3 in)
Width	27 cm (10.6 in)
Depth	31 cm (12.4 in)
Weight	3.10 kg (6.6 lb)



MODEL

DESCRIPTION

9300A-201

Powerheart AED G3 Automatic

Each AED package includes: (1) defibrillator, (1) IntelliSense battery (9146), (1) pair of defibrillation pads, and (1) Quick Start Tool Kit: includes Quick Start Guide, CD-ROM with AED Manual, Training Video, RescueLink and MDLink, and serial communication cable.

For more information contact Cardiac Science at:

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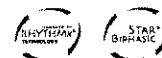
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CARDIAC SCIENCE AEDs

G3



POWERHEART AED G3

automated external defibrillator



FEATURES

- Simple, easy to use, one-button operation
- RescueReady® technology includes partial energy test with weekly self-tests
- More instructive voice prompts guide user through rescue
- Outstanding voice prompt quality and clarity
- Lightweight in a new user-friendly form factor
- Industry's first four-year full replacement operating battery guarantee

THE BEST JUST GOT BETTER

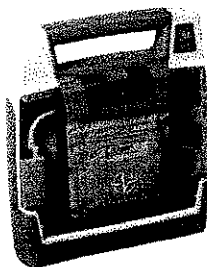
Introducing the Cardiac Science Powerheart AED G3.

The next generation Powerheart AED has arrived. Our flagship, feature rich Powerheart AED G3 offers customers many new and exciting user-friendly features.

The new Powerheart AED G3 continues to feature our industry leading one-button operation and RescueReady technology featuring our patented daily, weekly, and monthly self-testing, virtually guaranteeing first time, every time rescue performance. The Powerheart AED G3 also incorporates our advanced technology features such as the Company's patented and programmable RHYTHMx® analysis software and STAR® biphasic defibrillation energy waveform.



Patented RescueReady daily self-test system tests for pad functionality and connection to the AED.



Industry leading technology and added performance features in a new user-friendly form factor leads the way for the next generation of Cardiac Science AEDs.

To learn more about the best choice in AEDs, visit our website www.cardiacscience.com, or email info@cardiacscience.com, or call 1.866.289.5649 (USA and Canada only).



CARDIAC SCIENCE
9300E-201

CREATING HEARTSAFE ENVIRONMENTS

SPECIFICATIONS

DEFIBRILLATOR

Operation	Semi-automatic
Waveform	Biphasic truncated exponential
Energy (J) range available	Escalating Variable Energy (VE) 105J to 360J
Protocols	5 energy protocols available
Factory default (Nominal)	200VE, 300VE, 300VE
Shock time cycle (Typical)	Less than 55 seconds for three shock series
Controls	One-button operation
Voice prompts	Comprehensive voice instructions guide user through rescue process
Text screen	Displays written instructions to guide user through rescue process
Visible indicators	RescueReady Status Indicator, SmartGauge Battery Status Indicator, Service Indicator, Pad Indicator, Text Display
Audible alerts	Voice Prompt, System Alert
Synchronized shock	Built in automatic synchronization feature
Pacemaker pulse detection	Yes
Programmable	Yes, via MDLink*
Pediatric capability	Yes

PADS

Minimum combined surface area	228cm ²
Extended length of lead wire	1.3m
Supplied	Self-checking, pre-connected to the AED
Type	Adult, pre-gelled, self-adhesive, disposable, non-polarized (identical pads can be placed in either position) defibrillation pads
Shelf life	2 years

BATTERY

Type	IntelliSense® lithium battery
Warranty	4 year, full operational replacement

AUTOMATED SELF-TESTS

Daily	Battery, pads (presence and function), internal electronics, no energy charge, SHOCK/CONTINUE button, and software
Weekly	Battery, pads (presence and function), internal electronics, partial energy charge, SHOCK/CONTINUE button, and software
Monthly	Battery, pads (presence and function), internal electronics, full energy charge cycle, SHOCK/CONTINUE button, and software

EVENT DOCUMENTATION

Type	Internal memory
Internal memory	60 minutes ECG data with event annotation, multiple rescue functionality
Playback	Viewable via RescueLink® software via PC
Communications	Serial port or USB (via adapter) for PC with Windows
Clock synchronization	Precise synchronization of AED time to dispatch time

PHYSICAL DIMENSIONS

Height	8 cm (3.3 in)
Width	27 cm (10.6 in)
Depth	31 cm (12.4 in)
Weight	3.10 kg (6.6 lb)

MODEL

DESCRIPTION

9300E-201	Powerheart AED G3 Automated External Defibrillator
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Each AED package includes: (1) defibrillator, (1) IntelliSense battery (9146), (1) pair of defibrillation pads, and (1) Quick Start Tool Kit: includes Quick Start Guide, CD-ROM with AED Manual, Training Video, RescueLink and MDLink, and serial communication cable.

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P/N 110-0079-001 Rev. I

CARDIAC SCIENCE AEDS

G3 third generation

POWERHEART AED G3 Pro
automated external defibrillator

FEATURES

- Industry's first ECG color display
- Manual override operation
- Configurable biphasic energy protocols and detection rates
- Patented RescueReady® technology includes daily, weekly, and monthly self-tests of battery, internal electronics, software and pads
- Optional 3 lead continuous ECG patient monitoring
- Multiple-rescue internal memory storage
- Optional rechargeable battery
- Infrared data communications
- Z-bar visual impedance indicator

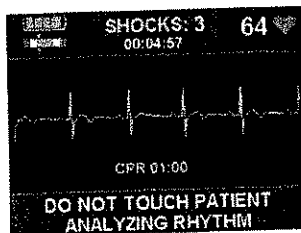
THE AED FOR PROFESSIONALS

Introducing the new Powerheart AED G3 Pro — Raising the Bar.

Cardiac Science introduces its professional AED offering—the Poweheart AED G3 Pro. Our latest boasts the industry's first ECG color display, provides manual override features, multiple rescue capability, and the most advanced technology available to provide healthcare and rescue professionals extended capabilities for emergency treatment of sudden cardiac arrest and continuous cardiac monitoring.

In addition to meeting the more sophisticated requirements of medical and rescue professionals, the G3 Pro shares the same groundbreaking rescue options, programmable functions, and advanced monitoring capabilities of our flagship, feature-rich Powerheart AED.

This includes our patented RescueReady® technology, which assures first time, every time shock delivery, as well as intuitive and comprehensive voice and text prompts that guide the user through the rescue.



Industry's first color display with an intuitive and easy to use graphical user interface.

To learn more about the best choice in AEDs, visit our website www.cardiacscience.com, or email info@cardiacscience.com, or call 1.866.289.5649 (USA and Canada only).



CARDIAC SCIENCE

9300P-201

CREATING HEARTSAFE ENVIRONMENTS

DEFIBRILLATOR

Operation	Semi-automatic and manual
Waveform	Biphasic truncated exponential
Energy (J) range available	Escalating Variable Energy (VE) 105J to 360J
Protocols	5 energy protocols available
Factory default (Nominal)	200VE, 300VE, 300VE
Shock time cycle	Approximately 1 minute for three shock series
Control buttons	Automated (Shock) and manual
Voice prompts	Comprehensive voice instructions guide user through rescue process
Display content	Displays written instructions to guide user through rescue process, SmartGauge Battery Status Indicator, Service Indicator, Pads Indicator, Text Display, ECG Display
Display specifications	Sharp "LO035O70H01" 8.9 cm (3.5") diagonal transreflective TFT display with 320 x 240 pixels (quarter VGA). Resolution is 4.47 dots/mm (113.5 dots/in.)
Visible indicators	RescueReady Status Indicator
Audible alerts	Voice Prompt, System Alert
Synchronized shock	Built in automatic synchronization feature
Pacemaker pulse detection	Yes
Programmable	Yes, via MDLink*
Pediatric capability	Yes

PADS

Minimum combined surface area	228cm ²
Extended length of lead wire	1.3m
Supplied	Pre-connected to the AED
Type	Adult, pre-gelled, self-adhesive, disposable, non-polarized (identical pads can be placed in either position) defibrillation pads
Shelf life	2 years

BATTERY

Type	IntelliSense® lithium battery
Warranty	1 year or 12 hours of use, whichever occurs first

OPTIONS

ECG Patient Monitoring Kit	Includes ECG patient monitoring kit
Rechargeable Battery Kit	Includes rechargeable battery and charger

AUTOMATED SELF-TESTS

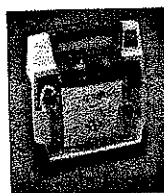
Daily	Battery, pads (presence and function), internal electronics, no energy charge, SHOCK button, and software
Weekly	Battery, pads (presence and function), internal electronics, partial energy charge, SHOCK button, and software
Monthly	Battery, pads (presence and function), internal electronics, full energy charge cycle, SHOCK button, and software

EVENT DOCUMENTATION

Internal memory	60 minutes ECG data with event annotation
Multiple rescue	Yes
Playback	Viewable via RescueLink® software via PC
Communications	Infrared Data Transfer for PC with Windows
Clock synchronization	Precise synchronization of AED time to dispatch time

PHYSICAL DIMENSIONS

Height	8 cm (3.1 in)
Width	27 cm (10.6 in)
Depth	31 cm (12.4 in)
Weight	3.1 kg (6.9 lb)



MODEL

DESCRIPTION

9300P-201

Powerheart AED G3 Pro Automated External Defibrillator

Each AED package includes: (1) defibrillator, (1) IntelliSense battery (9145), (1) pair of defibrillation pads, and (1) Quick Start Tool Kit: includes Quick Start Guide, CD-ROM with AED Manual, Training Video, RescueLink and MDLink.

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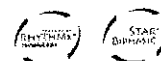
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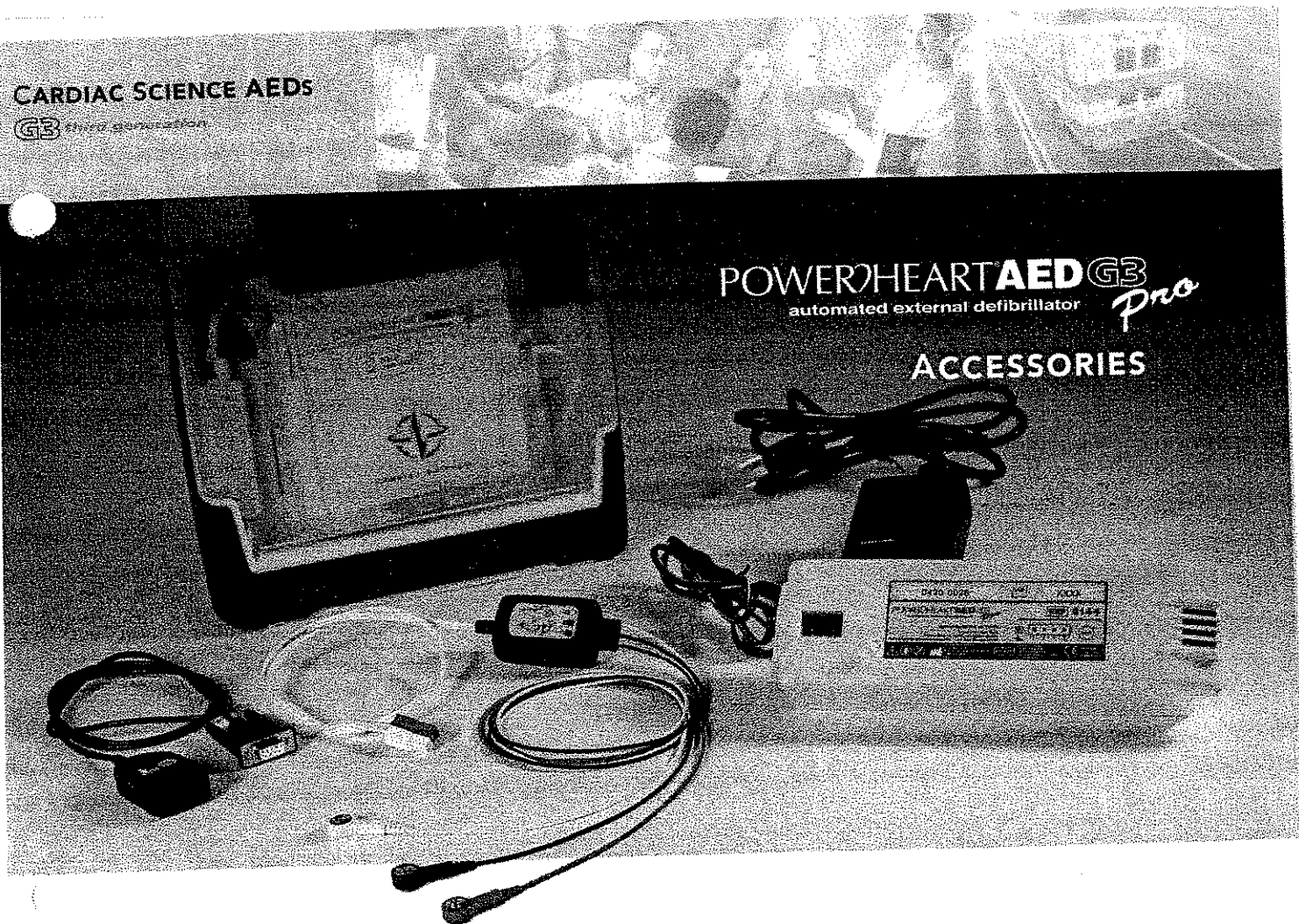


CARDIAC SCIENCE AEDs

G3

POWERHEART AED G3 Pro
automated external defibrillator

ACCESSORIES



Introducing Cardiac Science Powerheart AED G3 Pro Accessories

Designed specifically for medical professionals, Cardiac Science's latest line of accessories offers a variety of functions that enhance the capabilities of the Powerheart AED G3 Pro. The new series of accessories caters to the sophisticated demands of professional users by supporting great field and clinical usage of the Powerheart AED G3 Pro, and by simplifying the data management and customization processes.

The ECG Monitoring Kit facilitates the ability of medical professionals to monitor patients by providing continuous ECG monitoring for cardiac patients. Designed for long trips, transportation between hospitals, or constant cardiac monitoring, the ECG Monitoring Kit displays a non-diagnostic ECG heart rhythm on the Powerheart AED G3 Pro.

The Powerheart AED G3 Pro Rechargeable Battery and Charger combine convenience with reliability to afford professional users who demand more frequent use of the Powerheart AED G3 Pro. The Battery Charger quickly recharges the Rechargeable Battery to its full capacity in just three hours, and accepts all standard IEC main power cables.

To facilitate the professional user's ability to customize AED parameters and manage and transfer data, Cardiac Science introduces its infrared (IR) communication cable using the latest wireless technology.

Collectively or individually, Powerheart AED G3 Pro accessories enhance the professional user's capabilities. To learn more about the best choice in AED accessories, visit our website www.cardiacscience.com, or email info@cardiacscience.com, or call 1.866.289.5649 (USA and Canada only).



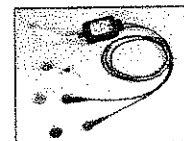
CARDIAC SCIENCE

CREATING HEARTSAFE ENVIRONMENTS

PART NUMBER DESCRIPTION

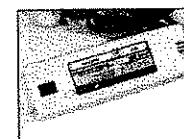
5111-001 ECG Monitoring Kit

Provides Lead II viewpoint for accurate and continuous cardiac monitoring. Used in conjunction with the Powerheart AED G3 Pro, the ECG Monitoring Kit displays patient's non-diagnostic ECG heart rhythm on the AED screen. The electrode color convention is in accordance with the AHA standard and AAMI specifications.



9044-001 Powerheart AED G3 Pro Rechargeable Battery

Enables the Powerheart AED G3 Pro to deliver more shocks over its lifetime (60 shocks minimum, 100 is typical) and increases the duration of the ECG display (3 hours minimum, 6 is typical). The 1 lb. 3 oz. battery does not require any maintenance, and has a battery life of 2.5 years or 300 battery charge-discharge cycles, whichever come first.



9144-001 Powerheart AED G3 Pro Rechargeable Battery Charger and Cable

The new Powerheart AED G3 Pro Battery Charger quickly recharges the Powerheart AED G3 Pro Rechargeable Battery to its full capacity in just three hours (4.5 hours if rechargeable battery is completely depleted). The charger also accepts all standard IEC main power cables.



162-0108-001 IR Communications Cable

The wireless communication cable allows user to modify AED operational parameters, upload rescue data, and transfer information from three feet (0.9 meters) away. The IR Communications Cable is compatible with USB ports via an adapter.



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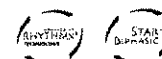
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P/N 110-0140 001 Rev. A

CARDIAC SCIENCE AEDS

G3

CARDIAC SCIENCE AED G3 ACCESSORIES



Cardiac Science AED G3 Accessories – The Complete Heartsafe Environment Package.

Introducing a line of AED accessories that includes valuable safety resources, which combine to offer a complete solution for a Heartsafe Environment. Our accessories give users effective storage and placement options, insure that their AED equipment is clearly visible and easily accessible, and provide them with essential rescue tools that will facilitate responses to cardiac and CPR-related emergencies.

Cardiac Science wall mounts and wire racks are the perfect AED placement solution for busy facilities. Both provide AED visibility and convenient accessibility. Additionally, each placement option clearly displays expiration dates and the RescueReady® indicator, which ensures that the AED is easily accessible for a rescue.

Cardiac Science's Total Response Rescue Cases and Backpacks offer storage options to the mobile user. The portable accessories make transportation easy, and allow the user to respond to emergencies with all equipment in a timely manner.

In addition to the storage and placement solutions, Cardiac Science also offers accessories that facilitate the actual rescue. The Rescue Kit, Total Response Rescue Kit, ResQPOD, adult and pediatric defibrillation pads, and O₂ supplies are additional accessories that help complete the total Heartsafe Environment package.

All accessories are compatible with the AED G3 series. To learn more about the best choice in AED accessories, visit our website www.cardiacscience.com, or email info@cardiacscience.com, or call 1.866.289.5649 (USA and Canada only).



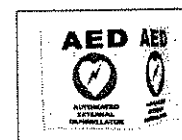
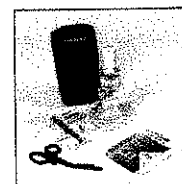
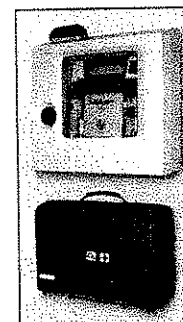
CARDIAC SCIENCE

CREATING HEARTSAFE ENVIRONMENTS

CARDIAC SCIENCE AED G3 ACCESSORIES

PART NUMBER DESCRIPTION

AED ACCESSORIES	
9131-001	Adult defibrillation pads: two-year shelf life
9730-002	Pediatric defibrillation pads: two-year shelf life
9146-001	IntelliSense® lithium battery: for Powerheart AED G3 and Powerheart AED G3 Automatic
9143-001	IntelliSense lithium battery: for FirstSave AEDs, G3 only
9145-001	IntelliSense lithium battery: for Powerheart AED G3 Pro only
DELIVERY SYSTEMS	
5587-001	Total Response Rescue Kit includes emergency oxygen cylinder, single flow regulator, tubing, mask, BBP Kits and First Aid Kit. Includes wire wall mount rack.
5587-002	Total Response Rescue Kit with ResQPOD Ready Kit includes emergency oxygen cylinder, single flow regulator, tubing, mask, BBP Kits and First Aid Kit. Includes wire wall mount rack.
5588-001	Total Response Rescue Backpack includes emergency oxygen cylinder, single flow regulator, tubing, mask, BBP Kits and First Aid Kit.
5588-002	Total Response Rescue Backpack with ResQPOD Ready Kit includes emergency oxygen cylinder, single flow regulator, tubing, mask, BBP Kits and First Aid Kit.
5550-003	Ready Kit includes nitrile gloves, razor, scissors, towel, 4" gauze, antiseptic wipes, one-way filter mask.
5112-001	ResQPOD Ready Kit includes ResQPOD circulatory enhancer, nitrile gloves, razor, scissors, towel, 4" gauze, antiseptic wipes, one-way filter mask. Velcro attachment.
168-6000-001	Carrying case for AED G3
9157-003	Hard-sided, waterproof carrying case for AED
180-2021-001	AED wall mount storage case with strobe light alarm
170-2145-001	Wall mount rack for AED
168-0056-001	3-D AED wall mount sign identifying location of AED



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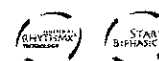
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CARDIAC SCIENCE

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P/N 110-0081-001 Rev. F

Powerheart® AED G3 Pro Automated External Defibrillator With Biphasic Waveform

Bid Specifications

1 Operation and Use

- 1.1 AED shall have three operating modes: AED Mode, Manual Mode and ECG Monitoring Mode.
- 1.2 AED shall require an operator to push no more than one button during a rescue in AED Mode.
- 1.3 AED shall allow Advanced Life Support rescuers to initiate Manual Override functionality to determine a shockable rhythm and deliver a defibrillation shock if desired.
- 1.4 manual disable function per med director
- 1.5 AED shall allow Advanced Life Support rescuers to administer ongoing 3-lead ECG monitoring to a conscious and breathing patient via optional ECG cable (Lead II).
- 1.6 Electrodes shall always be installed and ready to use in AED prior to rescue.
- 1.7 AED shall have a full color TFT display, which features text prompts, ECG, heart rate, battery capacity, visual impedance indicator, elapsed rescue time, number of shocks administered, and a CPR countdown.
- 1.8 AED shall automatically analyze patient ECG and signal quality using automatic algorithms to determine if a shock is required.
- 1.9 AED shall have pacemaker pulse detection capability.
- 1.10 AED shall have pediatric defibrillation capability.
- 1.11 AED shall have 0.08mV Asystole threshold.
- 1.12 Charge time for three shocks shall not exceed 60 seconds with a new battery.

2 Waveform/Algorithm:

- 2.1 AED shall utilize a three-shock sequence of escalating energy.
- 2.2 AED waveform shall deliver variable energy levels for a broad range of patient impedances (105J - 360J).
- 2.3 AED shall offer multiple programmable energy settings, with choice of ultra-low (105J - 190J), standard escalating (140J - 360J) and non-escalating variable energy options.
- 2.4 Waveform shall be Biphasic Truncated Exponential.
- 2.5 Waveform shall actively compensate for a patient's impedance level.
- 2.6 Waveform shall actively respond to patient's Cellular Response Curve.
- 2.7 AED shall not shock patient inadvertently if the patient does not require a shock.
- 2.8 AED shall have the capability to continuously monitor and analyze the victim's heart rhythm throughout a rescue attempt, including during CPR time-out. (The exception is after a 3-shock sequence when the AED shall not interrupt a mandatory CPR time-out).
- 2.9 AED shall have the capability to program detection rates for VF/VT (can be programmed by medical directors or their designees using MDLink software).
- 2.10 AED shall have a SVT therapy option (can be programmed by medical director or their designee using MDLink software)
- 2.11 AED shall automatically synchronize delivery of a defibrillation shock with the patient's electrocardiogram R-wave. If AED is unable to synchronize, it will deliver an unsynchronized shock if necessary.
- 2.12 AED shall automatically disarm if the victim converts to a non-shockable heart rhythm after a shock decision is made (device is charged). AED shall inform the rescuer that the heart rhythm has changed and reanalyze the victim's heart rhythm (non-committed shock feature).
- 2.13 AED shall automatically detect noise (artifact) with the ECG rhythm, and alert the rescuer of the condition via a voice prompt.

Powerheart® AED G3 Pro Automated External Defibrillator With Biphasic Waveform Bid Specifications

3 Automated Self Tests:

- 3.1 AED shall perform a daily automated self-test to confirm presence and function of electrodes and cable, and test the battery, electrical circuitry and waveform delivery system.
- 3.2 AED shall perform a weekly automated self-test with partial load capacitor charge to test battery, electrical circuitry and waveform delivery system.
- 3.3 AED shall perform a monthly full load capacitor charge and discharge test to ensure device readiness for rescue attempts.
- 3.4 AED shall warn user with audible alert at a minimum of 100dB and visual signals if the system fails any of the automated self-tests and is not ready for use.
- 3.5 The audible warning tone will continue to sound every 30 seconds for up to one year on a fully charged battery until the lid is opened.
- 3.6 AED shall perform a user initiated self-test when the lid of the device is opened.

4 Electrodes:

- 4.1 One pair of electrodes shall be included with each AED.
- 4.2 Electrodes shall be supplied in a ready-to-use, sealed package that contains one pair of self-adhesive electrodes with attached cables and a connector.
- 4.3 Electrodes shall be disposable.
- 4.4 Electrodes shall be shipped to the customer with a minimum shelf life of two years.
- 4.5 A diagram to assist in proper electrode placement shall be available on the electrode package and on each individual electrode.
- 4.6 Electrodes shall have a minimum surface area of 228 cm.
- 4.7 Electrode cable shall have a minimum length of 1.3 m.
- 4.8 Electrodes shall be compatible when using Cardiac Science manufactured adapters, with Quik-Combo™, Fast-Patch™ and Zoll Stat-Padz™ systems allowing electrodes to be used with ALS defibrillators.

5 Battery:

- 5.1 AED shall use one, non-rechargeable lithium battery for operation (called Cardiac Science Intellisense® Lithium Battery).
- 5.2 Typical capacity of a new battery shall be at least 290 discharges at 20°C.
- 5.3 Expected shelf life of a new battery shall be five years from the date of manufacture.
- 5.4 AED shall incorporate a visible fuel gauge notifying the end user of battery capacity during use in quarter life increments.
- 5.5 Battery shall incorporate a memory chip giving complete history of battery use (installation date, shocks provided daily diagnostics completed, etc.).
- 5.6 Battery shall be warranted for one (1) year from date of installation into a Powerheart AED G3 Pro or 12 hours of use, whichever is sooner.

6 Rechargeable Battery:

- 6.1 AED shall be compatible with an optional, rechargeable battery.
- 6.2 Rechargeable shall allow a minimum of 60 shocks and 3 hours of ECG display on a full charge.
- 6.3 Rechargeable battery life shall be 2.5 years or 300 charge-discharge cycles, whichever is sooner.

Powerheart® AED G3 Pro Automated External Defibrillator With Biphasic Waveform

Bid Specifications

- 6.4 Rechargeable battery will charge to full capacity in three hours (4.5 hours if completely depleted).
- 6.5 Charger for the rechargeable battery shall accept IEC power cables.
- 6.6 Lithium ion
- 6.7 Must have built in status and remaining capacity

7 ECG Monitoring Cable

- 7.1 ECG cable shall indicate position of leads on the patient by labeling LA, RA, LL as well as corresponding color convention.
- 7.2 ECG cable shall meet AAMI specifications and AHA standards and provide options for IEC specifications.

8 ECG Recording and Information Documentation:

- 8.1 AED shall provide up to 60 minutes of internal event documentation.
- 8.2 AED shall provide multiple rescue functionality.
- 8.3 AED shall permit ECG and event information to be downloaded via a infrared cable to a Windows® based PC after a rescue.
- 8.4 AED clock shall be able to be synchronized to PC clock through direct connection to a PC.
- 8.5 Optional supporting software shall allow medical directors or their designees to program devices to meet their protocols for AED use. Adjustable parameters shall include detection rates for VF/VT & optional SVT therapy, Variable energy protocol options, 2nd shock energy level, energy level after conversion, etc.
- 8.6 Data transfer, review and management software shall be included with each AED.

9 Color Display Specifications:

- 9.1 Display shall be full color with a minimum diagonal size of 8.9cm (3.5"), 320x240 pixels (quarter VGA) and Resolution 4.47 dots/mm (113.5 dots/in)
- 9.2 Color display shall show 5 seconds of data with a sweep speed of 1.39 cm/s and ECG bandwidth of 3-32 Hz.

10 Visual and Audio Impedance Indicator:

- 10.1 AED shall display a visual indicator of total transthoracic impedance between the two defibrillation pads.
- 10.2 AED shall assess adequate pad placement, pad quality and integrity, pad adhesion to the patient's skin, proper pad connection to the AED, assessment between pads off and pads shorted.
- 10.3 AED shall prompt "Press pads firmly to patient's bare skin" if better skin contact is required.

11 Physical and Environmental:

- 11.1 AED weight shall not exceed 7.0 lbs. (includes AED, battery and electrodes).
- 11.2 AED shall have enclosure protection resistant to water and foreign objects to a minimum of IEC 60529, IP24 certification levels.
- 11.3 AED shall have a molded handle formed in the case for easy portability.
- 11.4 Self contained does not require a case to use.
- 11.5 See NVI even when in case, see electrodes exp.

Powerheart® AED G3 Pro Automated External Defibrillator With Biphasic Waveform

Bid Specifications

- 11.6 Dimensions of AED shall not exceed 3.3 in. (8.4 cm) in height, 10.6 in. (26.9 cm) in width and 12.4 in. (31.5 cm) in length.
- 11.7 AED shall be capable of operating and stand-by in temperatures ranging from 0°C to +50°C (32°F to +122°F); relative humidity ranging from 5%-95% (non-condensing); pressure ranging from 57kPa (+15,000ft) to 103kPa (-500ft).
- 11.8 AED without battery and electrodes shall be able to withstand storage at -30°C to +65°C (-22°F to +149°F).
- 11.9 AED shall meet or exceed IEC 55011/CISPR 11, Group 1, Class B specifications for E-M (radiated).
- 11.10 AED shall meet or exceed ANSI/AAMI DF39 for magnetic emissions, <0.5mT on surface, except within 5cm of the lid magnet and the speaker.
- 11.11 AED shall meet or exceed IEC 61000-4-3, Level X, (20V/m); IEC 60601-2-4, Section 36.202.3 (20-V/m); AAMI DF39, Section 3.3.21.2.1 immunity tests (E-M)
- 11.12 AED shall meet or exceed IEC 61000-4-8; IEC 60601-2-4, Section 36.202.8; AAMI DF39, Section 3.3.21.2.3 80A/m, 47.5Hz – 1.320Hz immunity tests (magnetic)
- 11.13 AED shall meet or exceed IEC 61000-4-2, Level 3; IEC 60601-2-4, Section 36.202.2; 6KV contact discharge, 8KV air gap discharge for immunity tests (ESD)
- 11.14 AED shall meet or exceed IEC 60068-2-32 one meter free fall drop test
- 11.15 AED shall meet or exceed IEC 60068-2-29 bump test, 40g and 6000 bumps.
- 11.16 AED shall meet or exceed IEC 60068-2-64 vibration (random) test, 10Hz – 2KHz, 0.005 – 0.0012 g²/Hz
- 11.17 AED shall meet or exceed IEC 60068-2-6 vibration (sine) test, 10Hz – 60Hz, 0.15 mm and 60Hz – 150 Hz, 2g.

12 Training

- 12.1 Training shall be available with a training unit that is separate from the AED that can be used for scenario-based training.
- 12.2 The training unit shall be incapable of delivering energy.
- 12.3 Training electrodes shall be capable of a minimum of 50 applications to a standard training mannequin.
- 12.4 Training videos on the AED operation shall be included with each device.

13 Technical Service/Warranty

- 13.1 AED shall require no yearly planned service or calibration regardless of frequency of use.
- 13.2 AED shall have a minimum 7-year warranty on parts and labor (exclusive of battery and electrodes).
- 13.3 Extended Life IntelliSense lithium battery shall be warranted for one (1) year from date of installation into a Powerheart AED G3 Pro or 12 hours of use, whichever is sooner.
- 13.4 Technical service shall be available 24 hours per day, 7 days a week by the manufacturer.

AMENDED/APPLICABLE WARRANTY AS IT APPLIES TO THIS CONTRACT
LIMITED WARRANTY FOR POWERHEART AED G3

Limited Warranty

Cardiac Science, Inc. ("Cardiac Science") warrants to the original purchaser that its AEDs and stated battery will be free of any defect in material and workmanship according to the terms and conditions of this Limited Warranty ('Limited Warranty'). For purposes of this Limited Warranty, the original purchaser is deemed to be the original end user of the product purchased. This Limited Warranty is NON TRANSFERABLE and UNASSIGNABLE.

For How Long?

Seven (7) years from the date of the original shipment to the original purchaser for Powerheart AED G3 automated external defibrillators. Disposable defibrillation pads shall be warranted until the expiration date. Lithium batteries PIN (9146) have a full operational replacement warranty of four (4) years from the date of installation into a Powerheart AED G3. One (1) year from the date of original shipment to the original purchaser for Cardiac Science AED accessories. The terms of the Limited Warranty in effect as of the date of original purchase will apply to any warranty claims.

What You Must Do

Please complete and submit the Warranty Validation Form within 30 days of original shipment located at http://www.cardiacscience.com/products/aed_warranty.cfm. If the purchaser does not have internet access, call (888) 466-8686 or +45.4438.0539.

To obtain warranty service for your product, call us toll free at (888) 466-8686 or +45.4438.0539 seven days a week, 24 hours a day. Our customer service representative will try to resolve your issue over the phone. If necessary, and at our sole discretion, Cardiac Science shall arrange for service or replacement of your product. ~~we will arrange for service or a replacement of our product.~~

What We Will Do

If your Cardiac Science product is returned within 30 days of the date it was purchased, at the direction of a customer service representative, we will replace it with a new product of equal value at no charge to you, provided the warranty applies.

If your Cardiac Science product is returned, at the direction of a customer service representative, after 30 days but within the warranty period, Cardiac Science, ~~at its sole discretion,~~ shall arrange for service or replacement of your product. The repaired or replacement product will be warranted subject to the terms and conditions of this Limited Warranty for either (a) 90 days or (b) the remainder of the original warranty period, whichever is longer, provided the warranty applies and the warranty period has not expired.

Obligations and Warranty Limits

Limited Warranty Obligation: Exclusive Remedy

(NOTE: The limitations of the Warranty provided in this section shall be restricted to the fullest extent provided under Oklahoma law.)

THE FOREGOING LIMITED WARRANTY IS IN LIEU OF AND SPECIFICALLY EXCLUDES AND REPLACES ALL OTHER EXPRESSED OR IMPLIED WARRANTIES INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANT- ABILITY AND FITNESS FOR A PARTICULAR PURPOSE **(TO THE FULLEST EXTENT PROVIDED UNDER OKLAHOMA LAW).**

Some states do not allow limitations on how long an implied warranty lasts, so this limitation may not apply to you.

NO PERSON (INCLUDING ANY AGENT, DEALER, OR REPRESENTATIVE OF CARDIAC SCIENCE) IS AUTHORIZED TO MAKE ANY REPRESENTATION OR WARRANTY CONCERNING CARDIAC SCIENCE PRODUCTS, EXCEPT TO REFER PURCHASERS TO THIS LIMITED WARRANTY

YOUR EXCLUSIVE REMEDY WITH RESPECT TO ANY AND ALL LOSSES OR DAMAGES RESULTING FROM ANY CAUSE WHATSOEVER SHALL BE AS SPECIFIED ABOVE. CARDIAC SCIENCE SHALL IN NO EVENT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES OF ANY KIND, INCLUDING BUT NOT LIMITED TO, EXEMPLARY DAMAGES, COMMERCIAL LOSS FROM ANY CAUSE, BUSINESS INTERRUPTION OF ANY NATURE, LOSS OF PROFITS OR PERSONAL INJURY, EVEN IF CARDIAC SCIENCE HAS BEEN ADVISED OF THE POSSIBILITIES OF SUCH DAMAGES, HOWEVER OCCASIONED, WHETHER BY NEGLIGENCE OR OTHERWISE **(TO THE FULLEST EXTENT PROVIDED UNDER OKLAHOMA LAW).**

Some states do not allow the exclusion or limitation at incidental or consequential damages, so the above limitation or exclusion may not apply to you

What This Warranty Does Not Cover

This Limited Warranty does not cover defects or damages of any sort resulting from, but not limited to, accidents, ~~damage while in transit to our service location,~~ alterations, unauthorized service, unauthorized product case opening, failure to follow instructions, improper use, abuse, neglect, fire, flood, war or acts of God. Cardiac Science makes no warranty claims as to the compatibility with Cardiac Science products with non Cardiac Science products.

This Limited Warranty is Void if...

- Any Cardiac Science product is serviced or repaired by any person or entity other than Cardiac Science unless specifically authorized by Cardiac Science
- Any Cardiac Science product case is opened by unauthorized personnel or if a product is used for an unauthorized purpose
- Any Cardiac Science product is used in conjunction with incompatible parts or accessories, including but not limited to batteries. Parts and accessories are not compatible if they are not Cardiac Science products or the functional equivalent.

If The Warranty Period has Expired...

If your Cardiac Science product is not covered by our Limited Warranty, call us toll free at (888) 466-8686 or +45.4438.0539 for advice as to whether we can repair your Cardiac Science product and for other repair information, including charges. Charges for non-warranty repairs will be assessed and are your responsibility. Upon completion of the repair, the terms and conditions of this Limited Warranty shall apply to such repair or replacement product for a period of 90 days.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Effective on AED products shipped after April 12, 2004.

P/N: 111-0016-001 Rev A

As amended by Cardiac Science 11/30/05

STANDARD/UNAPPLICABLE WARRANTY WILL ACCOMPANY SHIPMENTS TO ALL USERS OF THIS CONTRACT

LIMITED WARRANTY FOR POWERHEART AED G3

Limited Warranty

Cardiac Science, Inc. ("Cardiac Science") warrants to the original purchaser that its AEDs and stated battery will be free of any defect in material and workmanship according to the terms and conditions of this Limited Warranty ("Limited Warranty"). For purposes of this Limited Warranty, the original purchaser is deemed to be the original end user of the product purchased. This Limited Warranty is NONTRANSFERABLE and UNASSIGNABLE.

For How Long?

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YOUR EXCLUSIVE REMEDY WITH RESPECT TO ANY AND ALL LOSSES OR DAMAGES RESULTING FROM ANY CAUSE WHATSOEVER SHALL BE AS SPECIFIED ABOVE. CARDIAC SCIENCE SHALL IN NO EVENT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES OF ANY KIND, INCLUDING, BUT NOT LIMITED TO, EXEMPLARY DAMAGES, COMMERCIAL LOSS FROM ANY CAUSE, BUSINESS INTERRUPTION OF ANY NATURE, LOSS OF PROFITS OR PERSONAL INJURY, EVEN IF CARDIAC SCIENCE HAS BEEN ADVISED OF THE POSSIBILITIES OF SUCH DAMAGES, HOWEVER OCCASIONED, WHETHER BY NEGLIGENCE OR OTHERWISE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

What This Warranty Does Not Cover

This Limited Warranty does not cover defects or damages of any sort resulting from, but not limited to, accidents, damage while in transit to our service location, alterations, unauthorized service, unauthorized product case opening, failure to follow instructions, improper use, abuse, neglect, fire, flood, war or acts of God. Cardiac Science makes no warranty claim as to the compatibility with Cardiac Science products with non Cardiac Science products.

This Limited Warranty Is Void If...

- Any Cardiac Science product is serviced or repaired by any person or entity other than Cardiac Science unless specifically authorized by Cardiac Science.
- Any Cardiac Science product case is opened by unauthorized personnel or if a product is used for an unauthorized purpose.
- Any Cardiac Science product is used in conjunction with incompatible parts or accessories, including but not limited to batteries. Parts and accessories are not compatible if they are not Cardiac Science products or the functional equivalent.

If The Warranty Period has Expired...

If your Cardiac Science product is not covered by our Limited Warranty, call us toll free at (888) 466-8686 or +45.4438.0539 for advice as to whether we can repair your Cardiac Science product, and for other repair information, including charges. Charges for non-warranty repairs will be assessed and are your responsibility. Upon completion of the repair, the terms and conditions of this Limited Warranty shall apply to such repair or replacement product for a period of 90 days.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Effective on AED products shipped after April 12, 2004.

STAR™ Biphasic waveform

- STAR™ Biphasic technology escalating variable energy waveform delivers optimal current each time by actively responding to an SCA victim's impedance and customizing the defibrillation waveform to ensure the greatest opportunity for success.
- STAR™ Biphasic technology measures a patient's impedance (the body's opposition to the flow of electrical current), adjusts defibrillation parameters, and delivers an energy level customized to the needs of that patient.
- STAR™ Biphasic escalates energy over a range of impedances. This proven method is consistent with American Heart Association guidelines and is well established in the defibrillation industry.
- STAR™ Biphasic Waveform has the highest reported effectiveness in hospital and pre-hospital data.
- In clinical trials, STAR™ Biphasic was 100% effective at defibrillating patients in ventricular fibrillation—the most common arrhythmia of sudden cardiac arrest—on the first shock.
- STAR™ Biphasic is 100% effective at picking up all shockable rhythms within 5 second recognition..
- STAR™ Biphasic. If using MDLink® Software with the Powerheart® AED G3, a medical director can customize parameters to follow a desired defibrillation rescue protocol. Adjustable parameters include five defibrillation energy protocols such as ultra low, standard and non-escalating variable energy options.
- Software upgrades can be performed in the field via MDLink software and a serial cable. Software upgrades are provided to our customers at no additional cost.

User Prompts & Indicators

Through a combination of comprehensive voice and text prompts on the backlit text screen, the rescuer is guided through the use of the Powerheart® AED G3. ***This complies with the Americans with Disabilities Act of 1990, Titles I and V.***

- The Powerheart® AED G3 warns the user with audible and visual alert if the system fails any of the automated self-tests. The "Status" indicator will display GREEN to indicate the AED is fully operational. The "Status" indicator will display RED to indicate the AED requires operator attention or maintenance or there is system problem.
- One of the most important features of Powerheart® AED G3 is the high degree of reliability. Performing the industry's most comprehensive self-testing ensures Cardiac Science AEDs are "RescueReady®" when needed.
- The PADS LED lights up when the pads are not properly connected or disconnected from the patient.
- The SERVICE LED lights up when the AED requires maintenance that can only be performed by qualified service personnel.
- ***The Powerheart® AED G3 Pro has the industry's first ECG color display.*** The Powerheart AED G3 Pro has three operating modes: AED Mode, Manual Mode and ECG Monitoring Mode.

Self Tests

The Powerheart® AED G3's patented RescueReady® features make the Cardiac Science AED the most reliable and safest AED on the market today. Through daily, completely automated self-testing, the RescueReady® feature tests the battery, circuitry, and pre-connected electrodes each morning to ensure that the Cardiac Science is ready for use each and every time. An audio and visual alarm will alert the user if the AED is not ready for use in a rescue situation. This warning tone will continue every 30 seconds and can continue for up to one year on a fully charged battery.

- Proprietary RescueReady® Technology tests battery, system components, and verifies that the pre-connected disposable electrodes (presence and function) can properly deliver a shock.
- Daily testing of battery, electrodes (presence and function), internal electronics, no energy charge, SHOCK/CONTINUE button, and software.
- Weekly tests include battery, electrodes, internal electronics and completes a partial charge of the high voltage electronics, SHOCK/CONTINUE button, and software.
- Monthly tests of battery, electrodes, internal electronics, performs an automatic full charge test of the high voltage circuitry to confirm the AED's ability to deliver a shock when needed, SHOCK/CONTINUE button, and software.
- Pre-connected electrodes are always stored inside the device eliminating confusion and possible errors during a rescue.
- Patented RescueReady® technology confirms the electrodes are in the AED and ready for use.
- The Powerheart® AED G3 is designed with a comprehensive self-test history log that can be accessed by the end user at any time, using the Rescuelink® application software.
 - This self-test history proves valuable when reviewing history and troubleshooting device status messages.
 - The self-test log retains the last twenty self-tests, by time, date and corresponding result.
 - The self-test retains the device Model #, Serial #, control code and voice prompt version.
 - Included in the self-test history log is a test by test result log that relates to a particular evaluated test value.
 - The self-test log also identifies all of the pertinent battery information that is stored in the Smartchip.
 - This data is specific to the battery installed in the device at the time of the self-test log retrieval and includes the lot #, date in service, days in service, minutes of operation and other critical battery parameters.

Battery

The Powerheart® AED G3 utilizes an IntelliSense® lithium battery. The proprietary design of the IntelliSense® lithium battery includes an internal memory chip, which tracks the usage of each individual battery, which can be reviewed using the RescueLink® Software.

- The Powerheart® AED G3, Models 9300A and 9300E operate with an IntelliSense® nonrechargeable Lithium Battery, Model 9146-002, which provides up to 290 shocks.

- The Powerheart® AED G3 Pro, Model 9300P, comes equipped with either a non-rechargeable lithium battery, Model 9145-001 and is capable of at least 290 discharges. Or you can select this AED packaged with a *rechargeable battery* Model 9144-001 and Charger Kit, 9044-001.
- Expected shelf life of a new battery (9145, 9146) is five years from the date of manufacture. Battery life for 9144-001 is 2.5 years.
- Battery #9146-002 comes with a four year fully operational warranty and will be replaced at no cost to you during this time, in accordance with the warranty. Battery 9145-001 comes with a one year warranty or 12 hours of use, whichever comes first. Rechargeable battery life for 9144-001 is 300 charge-discharge cycles.
- The Powerheart® AED G3 has a visible SmartGauge® Battery Status indicator, much like a fuel gauge on an automobile. The SmartGauge has five (5) LEDs, four (4) green and one (1) red. As the battery capacity decreases, the green lights go out (from 100% to 25%). When the last green LEDs go out, the Red LED lights up, the unit will still have at least nine shocks available for a rescue.
- There will be an audible alert and a verbal command upon opening the lid that says "Battery Low". In addition, the SmartGauge® shows the exact battery status at all times.

Defibrillator Electrodes

The Powerheart® AED G3 has patented, preconnected, self-testing, interchangeable (non-polarized) electrodes. Since the electrodes are preconnected, they save valuable time. Because they are interchangeable, either electrode can be placed in either position on the patient's chest.

Cardiac Science adult defibrillation pads have a two-year shelf life. It is vital for a successful deployment, that the defibrillation pads not be used beyond their expiration date. An order can be easily placed for additional electrodes, via our toll free phone number 800-991-5465, by fax 949-851-4418, or email: aedorders@cardiacscience.com.

Children are at risk of suffering from SCA just like adults. The shock to a child or infant is delivered at a reduced energy. Cardiac Science pediatric defibrillation pads, Model 9730-002 are recommended for infants and children under eight years of age or who weigh less than 55 pounds.

The Powerheart® AED G3 Pro offers an optional ECG Patient Monitoring Kit which includes 3-lead cable and a 3-pack of ECG electrodes.

Data Management

The Powerheart® AED G3 semi-automatic (Model 9300E) and the Powerheart® AED G3 Pro (Model 9300P) provide a minimum of 60 minutes of internal event documentation and are capable of multiple rescue recording. The Powerheart® AED G3 Automatic (Model 9300A) provides 34 minutes of internal event documentation. These AEDs shall permit ECG and event information to be downloaded via a serial cable to a Windows® based PC after a rescue. The AED clock shall be able to be synchronized to PC clock through direct connection to a PC. Data transfer, review and management software and required cables shall be included with each AED.

Technical Support/Customer Service

The Powerheart® AED G3 is designed to eliminate annual service costs as no outside maintenance is required. All devices come with a seven (7)-year parts & labor warranty.

- Provided proper usage and maintenance procedures have been followed as prescribed by the Powerheart® AED G3 operations & service manual, shipping costs for inoperable equipment will be paid by Cardiac Science. A loaner unit will be provided (at customer's request) within 24 hours.
- To obtain service under warranty, call toll free at 888-466-8686 seven days a week, 24 hours a day. Our technical service representative will try to resolve your issue over the phone. If necessary, we will arrange for service or a replacement of our product.
- All devices come with a seven (7)-year parts & labor warranty. Because our patented proprietary RescueReady® feature performs a daily self-check, no calibration is needed, no maintenance is necessary, and no service agreement is required. An audio and visual alarm will alert the user if the AED is not ready for use in a rescue situation.
- Technical Support is available 24 hours a day, 365 days a year. A diagnosis of operation failure may be determined via telephone (888)-466-8686 and connection of AED to PC through the use of RescueLink® software. If it is determined by Technical Support service is necessary, the unit is returned to Cardiac Science for repair or replacement.

AED Warranty

Cardiac Science warrants to the original purchaser that its products will be free of any defect in material and workmanship according to the terms and conditions of the Limited Warranty for Seven-Years (7) from the date of original shipment for all products, except those with date expiration (i.e., electrodes and batteries). Products with date expiration shall be warranted until the expiration date. (A copy of the Warranty is provided with each AED).

Delivery

Products are shipped from Cardiac Science's Manufacturing Facility in Minnesota within 14 days after receipt of order (ARO). However, historically, 99% of orders are shipped within two days ARO. Products will be shipped via UPS Ground FOB Destination, at no additional charge.

Heartsafe Program Management & Training

Cardiac Science offers comprehensive AED/CPR training and program management services that facilitate successful AED deployments. Cardiac Science's AED Program Services are provided completely by our personnel, who come with varied medical backgrounds that include EMTs, paramedics, and RNs. Cardiac Science is the single point of contact for implementation and day-to-day management.

The Quick Response AED/CPR Program Management – two years (#9918-001) is a comprehensive American Heart Association AED/CPR training and program management program that facilitates successful AED deployments. Our program includes an E-minder feature that provides documentation reports and lets you know when it's time to order additional supplies or schedule training updates. The Quick Response Program includes: AHA Heartsaver

AED/CPR training (a four-hour course) for up to ten (10) people at one location (one session), medical authorization/prescription and direction, and program management. This class provides the student with a two-year certification, which is immediately presented to the student, upon successful completion of the course. Each volunteer receives a CPR pocket mask.

MasterTrak® Documentation and Information Management is available only to our customers and may vary by program selected. MasterTrak® is a proprietary Software Automation System designed to track critical components of your AED implementation. Through the use of MasterTrak®, Cardiac Science will track the AEDs, their location and serial numbers, as well as electrodes and batteries, and expiration dates, without your intervention. The system is capable of notifying you when critical components will expire or need attention.

MasterTrak capabilities include:

- Secured, password protected internet site.
- Tracking of trained responders by name, department, job title and location.
- Tracking of training certifications and expiration dates.
- Automatic notification to schedule retraining in advance of certification expiration.
- Tracking of all emergency kit contents and equipment data including device types, model and serial numbers, battery and electrode lot number and expiration dates.
- Tracking of all inspections, inspection history and maintenance records.
- Automatic notification to complete on-line refresher training.
- Automatic notification to designated employees to inspect AEDs and emergency medical kits.
- Tracking of all events including use of AED and the post-event activities to ensure compliance with federal and state regulations.
- Comprehensive documentation of all class evaluations.
- Detailed and summary performance reports.

For the above program, Cardiac Science provides all books and course materials, including one CPR pocket mask for each student. Written prescription to receive the AED is provided. As well as the oversight of your AED Program and protocols by a licensed physician required by each state, and assistance with preparation of state registration.

Cardiac Science is available to provide Product Orientation free of charge. This would include a review of the operation and maintenance of the device and any accessories purchased. It should take no more than 30 minutes.

MISCELLANEOUS INFORMATION

Cardiac Science Product Specifications for each AED are included and supersede information as shown in the State of Oklahoma Invitation to Bid SW60300.

38.0 CONTRACTED PRODUCTS:

Please see the attached Price List for the Cardiac Science offered AED Models, features, and available packages and accessories. All Cardiac Science Powerheart AEDs are equipped with text screens and audible prompts.

Only the Powerheart AED G3 Pro, Model 9300P come standard with a colored ECG Screen and a Manual Override feature. These are not optional features.

There are a variety of Wall Mount Cabinets to choose from as shown on the Price List. Carrying case can be included or purchased separately as an optional accessory.

Cardiac Science AEDs do not come for use as a trainer. Training units are sold separately, as shown on the Price List. This maintains the integrity of the AED to be ready at all times for a rescue. It prevents possible shocks being administered during a training situation, as well as maintaining the life of the AED battery.

Powerheart® AED G3 Automatic Automated External Defibrillator With Biphasic Waveform

Bid Specifications

1. Operation and Use:

- 1.1 AED shall require an operator to push no buttons during a rescue.
- 1.2 Electrodes shall always be installed and ready to use in AED prior to rescue.
- 1.3 Electrodes shall be non-polarized and interchangeable allowing the user to place either electrode in the proper body position and labeled accordingly.
- 1.4 AED shall have voice, visual and text prompts to guide the user through the rescue process in a simple step-by-step manner.
- 1.5 AED shall have a backlit LCD text display, which features elapsed rescue time, number of shocks administered, and a CPR countdown.
- 1.6 AED shall automatically analyze patient ECG and signal quality using automatic algorithms to determine if a shock is required.
- 1.7 AED shall automatically deliver a shock if required.
- 1.8 AED shall have pacemaker pulse detection capability.
- 1.9 AED shall have pediatric defibrillation capability.
- 1.10 AED shall have 0.08mV Asystole threshold.
- 1.11 Charge time for three shocks shall not exceed 55 seconds with a new battery.

2. Waveform/Algorithm:

- 2.1 AED shall utilize a three-shock sequence of escalating energy.
- 2.2 AED waveform shall deliver variable energy levels for a broad range of patient impedances (105J – 360J).
- 2.3 AED shall offer multiple programmable energy settings, with choice of ultra-low (105J - 190J), standard escalating (140J - 360J) and non-escalating variable energy options.
- 2.4 Waveform shall be Biphasic Truncated Exponential.
- 2.5 Waveform shall actively compensate for a patient's impedance level.
- 2.6 Waveform shall actively respond to patient's Cellular Response Curve.
- 2.7 AED shall not shock patient inadvertently if the patient does not require a shock.
- 2.8 AED shall have the capability to continuously monitor and analyze the victim's heart rhythm throughout a rescue attempt, including during CPR time-out. (The exception is after a 3-shock sequence when the AED shall not interrupt a mandatory CPR time-out).
- 2.9 AED shall have the capability to program detection rates for VF/VT (can be programmed by medical directors or their designees using MDLink software).
- 2.10 AED shall have a SVT therapy option (can be programmed by medical director or their designee using MDLink software)
- 2.11 AED shall automatically synchronize delivery of a defibrillation shock with the patient's electrocardiogram R-wave. If AED is unable to synchronize, it will deliver an unsynchronized shock if necessary.

Powerheart® AED G3 Automatic Automated External Defibrillator With Biphasic Waveform

Bid Specifications

- 2.12 AED shall automatically disarm if the victim converts to a non-shockable heart rhythm after a shock decision is made (device is charged). AED shall inform the rescuer that the heart rhythm has changed and reanalyze the victim's heart rhythm (non-committed shock feature).
- 2.13 AED shall automatically detect noise (artifact) with the ECG rhythm, and alert the rescuer of the condition via a voice prompt.

3. Automated Self Tests:

- 3.1 AED shall perform a daily automated self-test to confirm presence and function of electrodes and cable, and test the battery, electrical circuitry and waveform delivery system.
- 3.2 AED shall perform a weekly automated self-test with partial load capacitor charge to test battery, electrical circuitry and waveform delivery system.
- 3.3 AED shall perform a monthly full load capacitor charge and discharge test to ensure device readiness for rescue attempts.
- 3.4 AED shall warn user with audible alert at 110dB and visual signals if the system fails any of the automated self-tests and is not ready for use.
- 3.5 The audible warning tone will continue to sound every 30 seconds for up to one year on a fully charged battery until the lid is opened.
- 3.6 AED shall perform a user initiated self-test when the lid of the device is opened.

4. Electrodes:

- 4.1 One pair of electrodes shall be included with each AED.
- 4.2 Electrodes shall be supplied in a ready-to-use, sealed package that contains one pair of self-adhesive electrodes with attached cables and a connector.
- 4.3 Electrodes shall be disposable.
- 4.4 Electrodes shall be shipped to the customer with a minimum shelf life of two years.
- 4.5 Electrodes shall be labeled as non-polarized.
- 4.6 A diagram to assist in proper electrode placement shall be available on the electrode package and on each individual electrode.
- 4.7 Electrodes shall have a minimum surface area of 228 cm.
- 4.8 Electrode cable shall have a minimum length of 1.3 m.
- 4.9 Electrodes shall be compatible when using Cardiac Science manufactured adapters, with Quik-Combo™, Fast-Patch™ and Zoll Stat-Padz™ systems allowing electrodes to be used with ALS defibrillators.

5. Battery:

- 5.1 AED shall use one, non-rechargeable lithium battery for operation (called Cardiac Science Intellisense® Lithium Battery).
- 5.2 Typical capacity of a new battery shall be at least 290 discharges at 20°C.

Powerheart® AED G3 Automatic Automated External Defibrillator With Biphasic Waveform

Bid Specifications

- 5.3 Expected shelf life of a new battery shall be five years from the date of manufacture.
- 5.4 AED shall incorporate a visible fuel gauge notifying the end user of battery capacity during use in quarter life increments.
- 5.5 Battery shall incorporate a memory chip giving complete history of battery use (installation date, shocks provided daily diagnostics completed, etc.).
- 5.6 Battery shall be warranted for four (4) years from date of installation into a Powerheart AED.

6. ECG Recording and Information Documentation:

- 6.1 AED shall provide up to 34 minutes of internal event documentation.
- 6.2 AED shall permit ECG and event information to be downloaded via a serial cable to a Windows® based PC after a rescue.
- 6.3 AED clock shall be able to be synchronized to PC clock through direct connection to a PC.
- 6.4 Optional supporting software shall allow medical directors or their designees to program devices to meet their protocols for AED use. Adjustable parameters shall include detection rates for VF/VT & optional SVT therapy, Variable energy protocol options, 2nd shock energy level, energy level after conversion, etc.
- 6.5 Data transfer, review and management software and required cables shall be included with each AED.

7. Physical and Environmental:

- 7.1 AED weight shall not exceed 6.6 lbs. (includes AED, battery and electrodes).
- 7.2 AED shall have enclosure protection resistant to water and foreign objects to a minimum of IEC 60529, IP24 certification levels.
- 7.3 AED shall have a molded handle formed in the case for easy portability.
- 7.4 Dimensions of AED shall not exceed 3.3 in. (8.4 cm) in height, 10.6 in. (26.9 cm) in width and 12.4 in. (31.5 cm) in length.
- 7.5 AED shall be capable of operating and stand-by in temperatures ranging from 0°C to +50°C (32°F to +122°F); relative humidity ranging from 5%-95% (non-condensing); pressure ranging from 57kPa (+15,000ft) to 103kPa (-500ft).
- 7.6 AED without battery and electrodes shall be able to withstand storage at -30°C to +65°C (-22°F to +149°F).
- 7.7 AED shall meet or exceed IEC 55011/CISPR 11, Group 1, Class B specifications for E-M (radiated).
- 7.8 AED shall meet or exceed ANSI/AAMI DF39 for magnetic emissions, <0.5mT on surface, except within 5cm of the lid magnet and the speaker.
- 7.9 AED shall meet or exceed IEC 61000-4-3, Level X, (20V/m); IEC 60601-2-4, Section 36.202.3 (20-V/m); AAMI DF39, Section 3.3.21.2.1 immunity tests (E-M)
- 7.10 AED shall meet or exceed IEC 61000-4-8; IEC 60601-2-4, Section 36.202.8; AAMI DF39, Section 3.3.21.2.3 80A/m, 47.5Hz – 1.320Hz immunity tests (magnetic)

Powerheart® AED G3 Automatic Automated External Defibrillator With Biphasic Waveform

Bid Specifications

- 7.11 AED shall meet or exceed IEC 61000-4-2, Level 3; IEC 60601-2-4, Section 36.202.2; 6KV contact discharge, 8KV air gap discharge for immunity tests (ESD)
- 7.12 AED shall meet or exceed IEC 60068-2-32 one meter free fall drop test
- 7.13 AED shall meet or exceed IEC 60068-2-29 bump test, 40g and 6000 bumps.
- 7.14 AED shall meet or exceed IEC 60068-2-64 vibration (random) test, 10Hz – 2KHz, 0.005 – 0.0012 g²/Hz
- 7.15 AED shall meet or exceed IEC 60068-2-6 vibration (sine) test, 10Hz – 60Hz, 0.15 mm and 60Hz – 150 Hz, 2g..

8. Training

- 8.1 Training shall be available with a training unit that is separate from the AED that can be used for scenario-based training.
- 8.2 The training unit shall be incapable of delivering energy.
- 8.3 Training electrodes shall be capable of a minimum of 50 applications to a standard training mannequin.
- 8.4 Training videos on the AED operation shall be included with each device.

9. Technical Service/Warranty

- 9.1 AED shall require no yearly planned service or calibration regardless of frequency of use.
- 9.2 AED shall have a minimum 7-year warranty on parts and labor (exclusive of battery and electrodes).
- 9.3 Extended Life IntelliSense lithium battery shall be warranted for four (4) years from date of installation into a Powerheart AED.
- 9.4 Technical service shall be available 24 hours per day, 7 days a week by the manufacturer.

Powerheart® AED G3 Automated External Defibrillator

With Biphasic Waveform

Bid Specifications

1. Operation and Use:

- 1.1 AED shall require an operator to push no more than one button during a rescue.
- 1.2 Electrodes shall always be installed and ready to use in AED prior to rescue.
- 1.3 Electrodes shall be non-polarized and interchangeable allowing the user to place either electrode in the proper body position and labeled accordingly.
- 1.4 AED shall have voice, visual and text prompts to guide the user through the rescue process in a simple step-by-step manner.
- 1.5 AED shall have a backlit LCD text display, which features elapsed rescue time, number of shocks administered, and a CPR countdown.
- 1.6 AED shall automatically analyze patient ECG and signal quality using automatic algorithms to determine if a shock is required.
- 1.7 AED shall have pacemaker pulse detection capability.
- 1.8 AED shall have pediatric defibrillation capability.
- 1.9 AED shall have 0.08mV Asystole threshold.
- 1.10 Charge time for three shocks shall not exceed 55 seconds with a new battery.

2. Waveform/Algorithm:

- 2.1 AED shall utilize a three-shock sequence of escalating energy.
- 2.2 AED waveform shall deliver variable energy levels for a broad range of patient impedances (105J - 360J).
- 2.3 AED shall offer multiple programmable energy settings, with choice of ultra-low (105J - 190J), standard escalating (140J - 360J) and non-escalating variable energy options.
- 2.4 Waveform shall be Biphasic Truncated Exponential.
- 2.5 Waveform shall actively compensate for a patient's impedance level.
- 2.6 Waveform shall actively respond to patient's Cellular Response Curve.
- 2.7 AED shall not shock patient inadvertently if the patient does not require a shock.
- 2.8 AED shall have the capability to continuously monitor and analyze the victim's heart rhythm throughout a rescue attempt, including during CPR time-out. (The exception is after a 3-shock sequence when the AED shall not interrupt a mandatory CPR time-out).
- 2.9 AED shall have the capability to program detection rates for VF/VT (can be programmed by medical directors or their designees using MDLink software).
- 2.10 AED shall have a SVT therapy option (can be programmed by medical director or their designee using MDLink software)
- 2.11 AED shall automatically synchronize delivery of a defibrillation shock with the patient's electrocardiogram R-wave. If AED is unable to synchronize, it will deliver an unsynchronized shock if necessary.
- 2.12 AED shall automatically disarm if the victim converts to a non-shockable heart rhythm after a shock decision is made (device is charged). AED shall inform the rescuer that the heart rhythm has changed and reanalyze the victim's heart rhythm (non-committed shock feature).
- 2.13 AED shall automatically detect noise (artifact) with the ECG rhythm, and alert the rescuer of the condition via a voice prompt.

Powerheart® AED G3 Automated External Defibrillator

With Biphasic Waveform

Bid Specifications

3. Automated Self Tests:

- 3.1 AED shall perform a daily automated self-test to confirm presence and function of electrodes and cable, and test the battery, electrical circuitry and waveform delivery system.
- 3.2 AED shall perform a weekly automated self-test with partial load capacitor charge to test battery, electrical circuitry and waveform delivery system.
- 3.3 AED shall perform a monthly full load capacitor charge and discharge test to ensure device readiness for rescue attempts.
- 3.4 AED shall warn user with audible alert at 110dB and visual signals if the system fails any of the automated self-tests and is not ready for use.
- 3.5 The audible warning tone will continue to sound every 30 seconds for up to one year on a fully charged battery until the lid is opened.
- 3.6 AED shall perform a user initiated self-test when the lid of the device is opened.

4. Electrodes:

- 4.1 One pair of electrodes shall be included with each AED.
- 4.2 Electrodes shall be supplied in a ready-to-use, sealed package that contains one pair of self-adhesive electrodes with attached cables and a connector.
- 4.3 Electrodes shall be disposable.
- 4.4 Electrodes shall be shipped to the customer with a minimum shelf life of two years.
- 4.5 Electrodes shall be labeled as non-polarized.
- 4.6 A diagram to assist in proper electrode placement shall be available on the electrode package and on each individual electrode.
- 4.7 Electrodes shall have a minimum surface area of 228 cm.
- 4.8 Electrode cable shall have a minimum length of 1.3 m.
- 4.9 Electrodes shall be compatible when using Cardiac Science manufactured adapters, with Quik-Combo™, Fast-Patch™ and Zoll Stat-Padz™ systems allowing electrodes to be used with ALS defibrillators.

5. Battery:

- 5.1 AED shall use one, non-rechargeable lithium battery for operation (called Cardiac Science Intellisense® Lithium Battery).
- 5.2 Typical capacity of a new battery shall be at least 290 discharges at 20°C.
- 5.3 Expected shelf life of a new battery shall be five years from the date of manufacture.
- 5.4 AED shall incorporate a visible fuel gauge notifying the end user of battery capacity during use in quarter life increments.
- 5.5 Battery shall incorporate a memory chip giving complete history of battery use (installation date, shocks provided daily diagnostics completed, etc.).
- 5.6 Battery shall be warranted for four (4) years from date of installation into a Powerheart AED.

Powerheart® AED G3 Automated External Defibrillator With Biphasic Waveform

Bid Specifications

6. ECG Recording and Information Documentation:

- 6.1 AED shall provide up to 60 minutes of internal event documentation.
- 6.2 AED shall provide multiple rescue functionality.
- 6.3 AED shall permit ECG and event information to be downloaded via a serial cable to a Windows® based PC after a rescue.
- 6.4 AED clock shall be able to be synchronized to PC clock through direct connection to a PC.
- 6.5 Optional supporting software shall allow medical directors or their designees to program devices to meet their protocols for AED use. Adjustable parameters shall include detection rates for VF/VT & optional SVT therapy, Variable energy protocol options, 2nd shock energy level, energy level after conversion, etc.
- 6.6 Data transfer, review and management software and required cables shall be included with each AED.

7. Physical and Environmental:

- 7.1 AED weight shall not exceed 6.6 lbs. (includes AED, battery and electrodes).
- 7.2 AED shall have enclosure protection resistant to water and foreign objects to a minimum of IEC 60529, IP24 certification levels.
- 7.3 AED shall have a molded handle formed in the case for easy portability.
- 7.4 Dimensions of AED shall not exceed 3.3 in. (8.4 cm) in height, 10.6 in. (26.9 cm) in width and 12.4 in. (31.5 cm) in length.
- 7.5 AED shall be capable of operating and stand-by in temperatures ranging from 0°C to +50°C (32°F to +122°F); relative humidity ranging from 5%-95% (non-condensing); pressure ranging from 57kPa (+15,000ft) to 103kPa (-500ft).
- 7.6 AED without battery and electrodes shall be able to withstand storage at -30°C to +65°C (-22°F to +149°F).
- 7.7 AED shall meet or exceed IEC 55011/CISPR 11, Group 1, Class B specifications for E-M (radiated).
- 7.8 AED shall meet or exceed ANSI/AAMI DF39 for magnetic emissions, <0.5mT on surface, except within 5cm of the lid magnet and the speaker.
- 7.9 AED shall meet or exceed IEC 61000-4-3, Level X, (20V/m); IEC 60601-2-4, Section 36.202.3 (20-V/m); AAMI DF39, Section 3.3.21.2.1 immunity tests (E-M)
- 7.10 AED shall meet or exceed IEC 61000-4-8; IEC 60601-2-4, Section 36.202.8; AAMI DF39, Section 3.3.21.2.3 80A/m, 47.5Hz – 1.320Hz immunity tests (magnetic)
- 7.11 AED shall meet or exceed IEC 61000-4-2, Level 3; IEC 60601-2-4, Section 36.202.2; 6KV contact discharge, 8KV air gap discharge for immunity tests (ESD)
- 7.12 AED shall meet or exceed IEC 60068-2-32 one meter free fall drop test
- 7.13 AED shall meet or exceed IEC 60068-2-29 bump test, 40g and 6000 bumps.
- 7.14 AED shall meet or exceed IEC 60068-2-64 vibration (random) test, 10Hz – 2KHz, 0.005 – 0.0012 g²/Hz
- 7.15 AED shall meet or exceed IEC 60068-2-6 vibration (sine) test, 10Hz – 60Hz, 0.15 mm and 60Hz – 150 Hz, 2g..

Powerheart[®] AED G3 Automated External Defibrillator With Biphasic Waveform

Bid Specifications

8. Training

- 8.1 Training shall be available with a training unit that is separate from the AED that can be used for scenario-based training.
- 8.2 The training unit shall be incapable of delivering energy.
- 8.3 Training electrodes shall be capable of a minimum of 50 applications to a standard training mannequin.
- 8.4 Training videos on the AED operation shall be included with each device.

9. Technical Service/Warranty

- 9.1 AED shall require no yearly planned service or calibration regardless of frequency of use.
- 9.2 AED shall have a minimum 7-year warranty on parts and labor (exclusive of battery and electrodes).
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- 9.4 Technical service shall be available 24 hours per day, 7 days a week by the manufacturer.